

Patient Health Summary

Name: Mr Daniel Wray

Integrated Medical Health Gold Coast

Address: 230 Trees Road

Tallebudgera 4228

D.O.B.: 01/07/1984

Record No.: 33404

Home Phone:

Work Phone:

Mobile Phone: 0400155547

Printed on 29/01/2024

Investigations:

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 652302107-C-C290
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR ARRLANN C CHRISTIE

Name of Test: S-C REACTIVE PROTEIN
Requested: 18/05/2020 Collected: 19/05/2020 Reported: 09/12/2022 15:10

Clinical notes: review testosterone, / Lower ejaculatory volume

Clinical Notes : review testosterone, / Lower ejaculatory volume

Date	Time	F-Fast	Lab Id.	Latest Results	Reference	Units
24-Nov-15	0725	F	619447861	19-May-20 0913	652302107	
CRP	<1			0.5	(<5)	mg/L

Comments on Collection 19-May-20 0913:

C Reactive Protein

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: CRP,E/LFT,Testosterone,FBE,ESR

Tests Pending :

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 652302107-C-C140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR ARRLANN C CHRISTIE

Name of Test: S- ROUTINE CHEMISTRY
Requested: 18/05/2020 **Collected:** 19/05/2020 **Reported:** 09/12/2022 15:10

Clinical notes: review testosterone, / Lower ejaculatory volume

Clinical Notes : review testosterone, / Lower ejaculatory volume

Chemistry (serum)

				Latest Results		
Date	24-Nov-15	16-Feb-17	05-Nov-18	19-May-20		
Time F-Fast	0725 F	0711	1426	0913		
Lab Id.	619447861	634517480	644330387	652302107	Reference	Units
Sodium	138	139	139	141	(135-145)	mmol/L
Potassium	4.2	4.2	4.6	4.5	(3.5-5.5)	mmol/L
Chloride	108	107	107	105	(95-110)	mmol/L
Bicarbonate	23	24	27	27	(20-32)	mmol/L
Anion Gap	7	8	5	9	(<16)	mmol/L
Calcium (Corr.)	2.32	2.31	2.33	2.34	(2.10-2.60)	mmol/L
Phosphate	1.1	1.2	1.25	1.47	(0.80-1.50)	mmol/L
Urea	5.9	6.1	5.9	5.4	(3.0-8.0)	mmol/L
Urate	0.39	0.39	0.330	0.373	(0.200-0.500)	mmol/L
Creatinine	96	100	92	102	(60-110)	umol/L
eGFR	90	86	>90	82	(>59)	
Fast. Glucose	5.6				(3.6-6.0)	mmol/L
Random Glucose		6.0	5.4	4.9	(3.6-7.7)	mmol/L
Total Protein	74	73	77	75	(66-83)	g/L
Albumin	43	42	44	45	(35-48)	g/L
Globulin	31	31	33	30	(23-43)	g/L
T Bilirubin	13	10	15	11	(<21)	umol/L
ALP	47	44	45	46	(35-110)	U/L
AST	20	17	18	18	(10-40)	U/L
ALT	21	18	15	16	(5-40)	U/L
GGT	16	19	16	13	(5-50)	U/L
LDH	178	186	203	163	(120-250)	U/L
Cholesterol	5.5	5.7 H	6.0 H	6.5 H	(3.9-5.5)	mmol/L
Haemolysis Index	9	5	6	5	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: CRP,E/LFT,Testosterone,FBE,ESR

Tests Pending :

Sample Pending :

WRAY, DANIEL
 27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 652302107-E-E515
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR ARRLANN C CHRISTIE

Name of Test: S- ANDROGENS
Requested: 18/05/2020 **Collected:** 19/05/2020 **Reported:** 09/12/2022 15:10

Clinical notes: review testosterone, / Lower ejaculatory volume

Clinical Notes : review testosterone, / Lower ejaculatory volume

Androgens

				Latest Results		
Date	16-Feb-17	19-May-20				
Time	0711	0913				
Lab Id.	634517480	652302107	Reference	Units		

Testosterone 11.7 20.7 (11.0-40.0) nmol/L

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: CRP,E/LFT,Testosterone,FBE,ESR

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 652302107-H-H900

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR ARRLANN C CHRISTIE

Name of Test: .BLOOD COUNT

Requested: 18/05/2020 Collected: 19/05/2020 Reported: 09/12/2022 15:10

Clinical notes: review testosterone, / Lower ejaculatory volume

Clinical Notes : review testosterone, / Lower ejaculatory volume

Haematology

Date	Latest Results				Reference	Units
	24-Nov-15	16-Feb-17	05-Nov-18	19-May-20		
Time F-Fast	0725 F	0711	1426	0913		
Lab Id.	619447861	634517480	644330387	652302107		
Haemoglobin	138	147	143	147	(135-175)	g/L
Haematocrit	0.42	0.44	0.42	0.43	(0.40-0.54)	
RCC	4.5	4.9	4.7	4.7	(4.5-6.5)	10*12/L
MCV	92	91	90	91	(80-100)	fL
WCC	4.8	5.1	6.2	3.9	(3.5-10.0)	10*9/L
Neutrophils	2.84	3.29	4.52	2.06	(1.5-6.5)	10*9/L
Lymphocytes	1.44	1.19	1.08	1.32	(1.0-4.0)	10*9/L
Monocytes	0.32	0.42	0.46	0.31	(0-0.9)	10*9/L
Eosinophils	0.19	0.14	0.05	0.14	(0-0.6)	10*9/L
Basophils	0.04	0.06	0.06	0.07	(0-0.15)	10*9/L
Platelets	229	225	258	241	(150-400)	10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: CRP,E/LFT,Testosterone,FBE,ESR

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 652302107-H-H050

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR ARRLANN C CHRISTIE

Name of Test: ESR

Requested: 18/05/2020 Collected: 19/05/2020 Reported: 09/12/2022 15:10

Clinical notes: review testosterone, / Lower ejaculatory volume

Clinical Notes : review testosterone, / Lower ejaculatory volume

		Latest Results		
Date	24-Nov-15	19-May-20		
Time F-Fast	0725 F	0913		
Lab Id.	619447861	652302107	Reference	Units
ESR	8	2	(1-12)	mm/h
HA				

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: CRP,E/LFT,Testosterone,FBE,ESR
 Tests Pending :
 Sample Pending :

WRAY, DANIEL NEVILLE
 27 BRADMAN DVE, CURRUMBIN VALLEY. 4223
 Phone: 04 00155547
 Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240031
 Your Reference: Lab Reference: 20-63806107-NCP-0
 Laboratory: 2184
 Addressee: DR DAVID JAAKWEЕ Referred by: DR LEIANA OBRIEN

Name of Test: NOVEL CORONAVIRUS PCR
 Requested: 23/07/2020 Collected: 23/07/2020 Reported: 09/12/2022 23:00

MOLECULAR AMPLIFICATION TESTING

Specimen: Upper Respiratory Tract Swab

Novel Coronavirus
 SARS-CoV-2 RNA (COVID-19) (PCR) Negative

This test is currently under evaluation and the assay's performance has not been fully validated.
 These findings should be interpreted accordingly and in conjunction with all other clinical/laboratory information and patient history.
 Reports based on this assay are not currently NATA/RCPA endorsed.
 Failure to detect organism-specific nucleic acids does not exclude the presence of disease due to this agent.

This finding has been notified to the Chief Health Officer.

Tests Completed:RESP.VIRUS PCR, COVID-19 PCR
 Tests Pending :

WRAY, DANIEL NEVILLE
 27 BRADMAN DVE, CURRUMBIN VALLEY. 4223
 Phone: 04 00155547
 Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240031
 Your Reference: Lab Reference: 20-63806107-RVC-0
 Laboratory: 2184
 Addressee: DR DAVID JAAKWEЕ Referred by: DR LEIANA OBRIEN

Name of Test: RESPIRATORY VIRUS PCR
 Requested: 23/07/2020 Collected: 23/07/2020 Reported: 09/12/2022 23:00

RESPIRATORY VIRUS PCR

Specimen: Upper Respiratory Tract Swab

RSV RNA	(PCR)	Not Detected
Influenza A RNA	(PCR)	Not Detected
Influenza B RNA	(PCR)	Not Detected
Parainfluenza 1,2,3 RNA	(PCR)	Not Detected

Human Metapneumovirus RNA(PCR) Not Detected
Rhinovirus RNA (PCR) Not Detected
Adenovirus DNA (PCR) Not Detected

Tests Completed:RESP.VIRUS PCR, COVID-19 PCR
Tests Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 651523612-C-B095
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR LEIANA R O'BRIEN

Name of Test: NICKEL VIRTUAL
Requested: 23/07/2020 **Collected:** 25/07/2020 **Reported:** 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Nickel

Nickel-plasma <0.04 (<0.05) umol/L
Comments on Lab Id: 651523612

Nickel does not accumulate in the body. Blood concentrations of nickel reflect exposure to soluble nickel compounds within the last several days, with half lives ranging from 20-34 hours. Levels greater than 0.14 - 0.17 umol/L may indicate excessive occupational exposure and a need to review sources of exposure. Exposure to nickel carbonyl is of concern owing to its extreme toxicity. There have been no reported clinical effects of nickel deficiency in humans.

MG

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Lead,BI. Mercury,Nickel,
E/LFT,TSH,TTG Abs,Gliadin Abs,D. pteronysinus,
Cat epithelium,Dog dander,Egg white,Peanut,Soybean,
Hazelnut,Milk,Almond,Cashew,Prawn,Codfish,Wheat,
Grass mix,Mould mix

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 651523612-C-C140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR LEIANA R O'BRIEN

Name of Test: S-ROUTINE CHEMISTRY
Requested: 23/07/2020 **Collected:** 25/07/2020 **Reported:** 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Chemistry (serum)

	Latest Results			
Date	16-Feb-17	05-Nov-18	19-May-20	25-Jul-20
Time F-Fast	0711	1426	0913	0904 F
Lab Id.	634517480	644330387	652302107	651523612 Reference Units

Sodium	139	139	141	139	(135-145)	mmol/L
Potassium	4.2	4.6	4.5	4.8	(3.5-5.5)	mmol/L
Chloride	107	107	105	103	(95-110)	mmol/L
Bicarbonate	24	27	27	29	(20-32)	mmol/L
Anion Gap	8	5	9	7	(<16)	mmol/L
Calcium (Corr.)	2.31	2.33	2.34	2.26	(2.10-2.60)	mmol/L
Phosphate	1.2	1.25	1.47	1.45	(0.80-1.50)	mmol/L
Urea	6.1	5.9	5.4	4.8	(3.0-8.0)	mmol/L
Urate	0.39	0.330	0.373	0.371	(0.200-0.500)	mmol/L
Creatinine	100	92	102	90	(60-110)	umol/L
eGFR	86	>90	82	>90	(>59)	
Fast. Glucose				4.9	(3.6-6.0)	mmol/L
Random Glucose	6.0	5.4	4.9		(3.6-7.7)	mmol/L
Total Protein	73	77	75	74	(66-83)	g/L
Albumin	42	44	45	43	(35-48)	g/L
Globulin	31	33	30	31	(23-43)	g/L
T Bilirubin	10	15	11	12	(<21)	umol/L
ALP	44	45	46	53	(35-110)	U/L
AST	17	18	18	19	(10-40)	U/L
ALT	18	15	16	18	(5-40)	U/L
GGT	19	16	13	19	(5-50)	U/L
LDH	186	203	163	160	(120-250)	U/L
Cholesterol	5.7 H	6.0 H	6.5 H	6.3 H	(<5.6)	mmol/L
Triglyceride				0.6	(<2.1)	mmol/L
Haemolysis Index	5	6	5	4	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Lead, Bl. Mercury, Nickel, E/LFT, TSH, TTG Abs, Gliadin Abs, D. pteronysinus, Cat epithelium, Dog dander, Egg white, Peanut, Soybean, Hazelnut, Milk, Almond, Cashew, Prawn, Codfish, Wheat, Grass mix, Mould mix

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 651523612-E-E030
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR LEIANA R O'BRIEN

Name of Test: S- THYROID FUNCTION
Requested: 23/07/2020 Collected: 25/07/2020 Reported: 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Thyroid Function Tests

				Latest Results		
Date	24-Nov-15	16-Feb-17	05-Nov-18	25-Jul-20		
Time F-Fast	0725 F	0711	1426	0904 F		
Lab Id.	619447861	634517480	644330387	651523612	Reference	Units
TSH	1.6	1.1	0.6	1.2	(0.3-3.5)	mIU/L

Comments on Collection 25-Jul-20 0904 F:
Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Lead, Bl. Mercury, Nickel,

E/LFT,TSH,TTG Abs,Gliadin Abs,D. pteronysinus,
Cat epithelium,Dog dander,Egg white,Peanut,Soybean,
Hazelnut,Milk,Almond,Cashew,Prawn,Codfish,Wheat,
Grass mix,Mould mix

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 651523612-I-I907
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR LEIANA R O'BRIEN

Name of Test: S-Coeliac Autoabs
Requested: 23/07/2020 Collected: 25/07/2020 Reported: 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Coeliac Disease Autoantibodies

Tissue Transglutaminase IgA Abs <1 (<7) U/mL
Gliadin (deamidated) IgG Abs <1 (<7) U/mL
Comments on Lab Id: 651523612

The presence of coeliac disease is very unlikely (<5%).
If suggestive symptoms, signs or family history, coeliac tissue typing or
endoscopy may help exclude the disease further.

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Lead,BI. Mercury,Nickel,
E/LFT,TSH,TTG Abs,Gliadin Abs,D. pteronysinus,
Cat epithelium,Dog dander,Egg white,Peanut,Soybean,
Hazelnut,Milk,Almond,Cashew,Prawn,Codfish,Wheat,
Grass mix,Mould mix

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 651523612-I-K500
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR LEIANA R O'BRIEN

Name of Test: S-Allergy Testing
Requested: 23/07/2020 Collected: 25/07/2020 Reported: 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Allergy Serology	kU/L	Class
Cat epithelium	0.01	0 Negative
Dog dander	<0.01	0 Negative
Dust Mite (D. pteronyssinus)	0.58	* I * Low
Grass mix	0.03	0 Negative
(Bermuda, Perennial rye, Timothy)		
(June, Johnson and Bahia grasses)		
Mould mix	0.10	0 Negative
(Penicillium, Cladosporium, A.fumigatus)		
(C.albicans, Alternaria, and Setomelanomma)		

Egg white	<0.01	0	Negative
Milk	<0.01	0	Negative
Codfish	<0.01	0	Negative
Wheat	0.02	0	Negative
Peanut	<0.01	0	Negative
Soybean	0.01	0	Negative
Hazelnut	<0.01	0	Negative
Almond	<0.01	0	Negative
Prawn	0.03	0	Negative
Cashew	<0.01	0	Negative

Comments on Lab Id: 651523612

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Lead, Bl. Mercury, Nickel, E/LFT, TSH, TTG Abs, Gliadin Abs, D. pterony sinus, Cat epithelium, Dog dander, Egg white, Peanut, Soybean, Hazelnut, Milk, Almond, Cashew, Prawn, Codfish, Wheat, Grass mix, Mould mix

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 651523612-C-C847

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR LEIANA R O'BRIEN

Name of Test: S- LIPID PROFILE

Requested: 23/07/2020 Collected: 25/07/2020 Reported: 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Lipid Profile

	Latest Results					
Date	16-Feb-17	05-Nov-18	19-May-20	25-Jul-20		
Time F-Fast	0711	1426	0913	0904 F		
Lab Id.	634517480	644330387	652302107	651523612	Reference	Units
Cholesterol	5.7 H	6.0 H	6.5 H	6.3 H	(<5.6)	mmol/L
Triglyceride				0.6	(<2.1)	mmol/L
HDL				1.76	(>0.89)	mmol/L
LDL				4.3 H	(<4.1)	mmol/L
Chol/HDL Ratio				3.6	(<4.6)	
Non HDLC				4.54 H	(<3.81)	mmol/L

Comments on Collection 25-Jul-20 0904 F:

HDL-Cholesterol

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol	<4.0	mmol/L
HDL-Cholesterol	>=1.00	mmol/L
Fasting Triglycerides	<2.0	mmol/L
Non-HDL Cholesterol	<2.5	mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Lead,BI. Mercury,Nickel,
E/LFT,TSH,TTG Abs,Gliadin Abs,D. pteronysinus,
Cat epithelium,Dog dander,Egg white,Peanut,Soybean,
Hazelnut,Milk,Almond,Cashew,Prawn,Codfish,Wheat,
Grass mix,Mould mix

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 651523612-C-H245

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR LEIANA R O'BRIEN

Name of Test: .ANAEMIA

Requested: 23/07/2020 Collected: 25/07/2020 Reported: 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Haematinics

Date				Latest Results		Units
	16-Feb-17	05-Nov-18	19-May-20	25-Jul-20		
Time F-Fast	0711	1426	0913	0904 F		
Lab Id.	634517480	644330387	652302107	651523612	Reference	
Iron	12	21		12	(5-30)	umol/L
Transferrin	2.5	2.7		2.6	(1.9-3.1)	g/L
TIBC	62	67		66	(47-77)	umol/L
Trans Sat	19 L	31		18 L	(20-45)	%
Ferritin	158	136		147	(30-300)	ug/L
CRP			0.5		(<5)	mg/L
Vitamin B12	465				(>150)	pmol/L

Comments on Collection 25-Jul-20 0904 F:

Iron Studies

Essentially normal iron status.

Low saturation can indicate an inflammatory process, which may affect iron studies. However a ferritin level greater than 140 ug/L makes iron deficiency unlikely.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Lead,BI. Mercury,Nickel,
E/LFT,TSH,TTG Abs,Gliadin Abs,D. pteronysinus,
Cat epithelium,Dog dander,Egg white,Peanut,Soybean,
Hazelnut,Milk,Almond,Cashew,Prawn,Codfish,Wheat,
Grass mix,Mould mix

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 651523612-C-B092

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR LEIANA R O'BRIEN

Name of Test: LEAD VIRTUAL
Requested: 23/07/2020 **Collected:** 25/07/2020 **Reported:** 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Lead

Lead-blood 0.04 (0 - 0.24) umol/L
Lead-blood 0.8 (0 - 5) ug/dL
Comments on Lab Id: 651523612

Guidelines for lead level interpretation

1. No workplace exposure: If a blood test shows that a person's blood lead level is less than 5 ug/dL (0.24 umol/L), no particular action or treatment is needed. (NHMRC Information Paper: Evidence on the effects of Lead on Human Health (May 2015)).

2. Workplace exposure: Recommended decision levels and sampling frequencies are detailed in Lead (inorganic) - Hazardous Chemicals Requiring Health Monitoring www.safeworkaustralia.gov.au March 2013. In particular, immediate removal from exposure is necessary if levels are greater than or equal to:

50 ug/dL (2.41 umol/L): Males/Females not of reproductive capacity.
20 ug/dL (0.97 umol/L): Females of reproductive capacity.
15 ug/dL (0.72 umol/L): Females pregnant or breastfeeding.
Occupationally exposed females of reproductive age should have increased frequency of monitoring if blood lead levels are 10 ug/dL (0.48 umol/L) or higher and removal from a lead-risk job if levels are 20 ug/dL (0.97 umol/L) or higher.

NOTE: Change of reference limit according to the new NHMRC recommendation (May 2015) effective from 27/1/2016. The measuring method has not been changed.

MB

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Lead, Bl. Mercury, Nickel, E/LFT, TSH, TTG Abs, Gliadin Abs, D. pteronysinus, Cat epithelium, Dog dander, Egg white, Peanut, Soybean, Hazelnut, Milk, Almond, Cashew, Prawn, Codfish, Wheat, Grass mix, Mould mix

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 651523612-C-B094
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR LEIANA R O'BRIEN

Name of Test: MERCURY VIRTUAL
Requested: 23/07/2020 **Collected:** 25/07/2020 **Reported:** 09/12/2022 15:10

Clinical notes: ?exposure to heavy metals, ?allergies

Clinical Notes : ?exposure to heavy metals, ?allergies

Mercury

Mercury-blood 28 (<60) nmol/L
Comments on Lab Id: 651523612

MB

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Lead, Bl. Mercury, Nickel,
E/LFT, TSH, TTG Abs, Gliadin Abs, D. pteronysinus,
Cat epithelium, Dog dander, Egg white, Peanut, Soybean,
Hazelnut, Milk, Almond, Cashew, Prawn, Codfish, Wheat,
Grass mix, Mould mix

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 662700783-C-C847
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR BEN J BUXTON

Name of Test: S- LIPID PROFILE
Requested: 17/11/2021 **Collected:** 17/11/2021 **Reported:** 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Lipid Profile

Date	Latest Results				Reference	Units
	05-Nov-18	19-May-20	25-Jul-20	17-Nov-21		
Time F-Fast	1426	0913	0904 F	0849 F		
Lab Id.	644330387	652302107	651523612	662700783		
Cholesterol	6.0 H	6.5 H	6.3 H	6.0 H	(<5.6)	mmol/L
Triglyceride			0.6	1.1	(<2.1)	mmol/L
HDL			1.76	1.71	(>0.89)	mmol/L
LDL			4.3 H	3.8	(<4.1)	mmol/L
Chol/HDL Ratio			3.6	3.5	(<4.6)	
Non HDLC			4.54 H	4.29 H	(<3.81)	mmol/L

Comments on Collection 17-Nov-21 0849 F:

HDL-Cholesterol

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol	<4.0	mmol/L
HDL-Cholesterol	>=1.00	mmol/L
Fasting Triglycerides	<2.0	mmol/L
Non-HDL Cholesterol	<2.5	mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium , Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 662700783-C-H245

Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: .ANAEMIA
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Haematinics

				Latest Results		
Date	05-Nov-18	19-May-20	25-Jul-20	17-Nov-21		
Time F-Fast	1426	0913	0904 F	0849 F		
Lab Id.	644330387	652302107	651523612	662700783	Reference	Units
Iron	21		12	15	(5-30)	umol/L
Transferrin	2.7		2.6	2.6	(1.9-3.1)	g/L
TIBC	67		66	66	(47-77)	umol/L
Trans Sat	31		18 L	23	(20-45)	%
Ferritin	136		147	152	(30-300)	ug/L
CRP		0.5			(<5)	mg/L
Vitamin B12				523	(>150)	pmol/L
Folate serum				25	(>7.0)	nmol/L

Comments on Collection 17-Nov-21 0849 F:
Iron Studies
Normal Iron Status.

All patients with low or equivocal vitamin B12 results (380 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.
Both tests are now Medicare rebateable. Vitamin B12 concentrations over 380 pmol/L are generally considered replete.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-C-C140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: S-ROUTINE CHEMISTRY
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Chemistry (serum)

				Latest Results		
Date	05-Nov-18	19-May-20	25-Jul-20	17-Nov-21		
Time F-Fast	1426	0913	0904 F	0849 F		
Lab Id.	644330387	652302107	651523612	662700783	Reference	Units
Sodium	139	141	139	139	(135-145)	mmol/L
Potassium	4.6	4.5	4.8	4.4	(3.5-5.5)	mmol/L
Chloride	107	105	103	106	(95-110)	mmol/L
Bicarbonate	27	27	29	25	(20-32)	mmol/L
Anion Gap	5	9	7	8	(<16)	mmol/L

Calcium (Corr.)	2.33	2.34	2.26	2.31	(2.10-2.60)	mmol/L
Phosphate	1.25	1.47	1.45	1.24	(0.80-1.50)	mmol/L
Urea	5.9	5.4	4.8	6.3	(3.0-8.0)	mmol/L
Urate	0.330	0.373	0.371	0.335	(0.200-0.500)	mmol/L
Creatinine	92	102	90	88	(60-110)	umol/L
eGFR	>90	82	>90	>90	(>59)	
Fast. Glucose			4.9	4.9	(3.6-6.0)	mmol/L
Random Glucose	5.4	4.9			(3.6-7.7)	mmol/L
Total Protein	77	75	74	74	(66-83)	g/L
Albumin	44	45	43	42	(35-48)	g/L
Globulin	33	30	31	32	(23-43)	g/L
T Bilirubin	15	11	12	11	(<21)	umol/L
ALP	45	46	53	47	(35-110)	U/L
AST	18	18	19	18	(10-40)	U/L
ALT	15	16	18	19	(5-40)	U/L
GGT	16	13	19	18	(5-50)	U/L
LDH	203	163	160	178	(120-250)	U/L
Cholesterol	6.0 H	6.5 H	6.3 H	6.0 H	(<5.6)	mmol/L
Triglyceride			0.6	1.1	(<2.1)	mmol/L
Magnesium				0.83	(0.70-1.10)	mmol/L
Haemolysis Index	6	5	4	5	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 662700783-C-B099

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: ZINC VIRTUAL

Requested: 17/11/2021 Collected: 17/11/2021 Reported: 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Zinc

Zinc-plasma 11.5 (9.0 - 19.0) umol/L

Comments on Lab Id: 662700783

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 662700783-E-E030

Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR BEN J BUXTON

Name of Test: S- THYROID FUNCTION
Requested: 17/11/2021 **Collected:** 17/11/2021 **Reported:** 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Thyroid Function Tests

	Latest Results				
Date	16-Feb-17	05-Nov-18	25-Jul-20	17-Nov-21	
Time F-Fast	0711	1426	0904 F	0849 F	
Lab Id.	634517480	644330387	651523612	662700783	Reference Units
TSH	1.1	0.6	1.2	1.0	(0.3-3.5) mIU/L

Comments on Collection 17-Nov-21 0849 F:
Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 662700783-E-E515
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR BEN J BUXTON

Name of Test: S- ANDROGENS
Requested: 17/11/2021 **Collected:** 17/11/2021 **Reported:** 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Androgens

	Latest Results				
Date	16-Feb-17	19-May-20	17-Nov-21		
Time F-Fast	0711	0913	0849 F		
Lab Id.	634517480	652302107	662700783	Reference	Units
Testosterone	11.7	20.7	16.2	(11.0-40.0)	nmol/L

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 662700783-E-E405
Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE **Referred by:** DR BEN J BUXTON

Name of Test: S-VITAMIN D

Requested: 17/11/2021 **Collected:** 17/11/2021 **Reported:** 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

25 Hydroxy Vitamin D

25-OH Vitamin D 90 (50 - 150) nmol/L
Comments on Collection 662700783

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)
Mild vitamin D deficiency: 30-49 nmol/L
Moderate vitamin deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

KY

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 662700783-H-E416
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR BEN J BUXTON

Name of Test: HbA1c

Requested: 17/11/2021 **Collected:** 17/11/2021 **Reported:** 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

HbA1c

		Latest Results		
Date	05-Nov-18	17-Nov-21		
Time F-Fast	1426	0849 F		
Lab Id.	644330387	662700783	Reference	Units
HbA1c (NGSP)	5.3	5.3	(<6.5)	%
HbA1c (IFCC)	35	34	(<48)	mmol/mol

Comments on Collection 17-Nov-21 0849 F:

The currently accepted cut-point for diagnosis of Type 2 Diabetes is an HbA1c level equal to or greater than 6.5% (48 mmol/mol) in patients with normal red blood cell turnover.

An abnormal screening HbA1c equal to or greater than 6.5% (48 mmol/mol) should be confirmed by a repeat HbA1c level as soon as possible, prior to any dietary adjustment or therapeutic intervention.

If the follow up HbA1c is less than 6.5% (48mmol/mol) then the patient does not have diabetes and should be rescreened in 12 months time.

(Ref: MJA 197/4:220-221 (2012))

Patients with HbA1c levels of 5.7 - 6.4% (38 - 46 mmol/mol) may still have a slightly increased risk of microvascular complications according to the AusDiab study.

The Medicare item for HbA1C for diagnosis of Diabetes Mellitus is limited

to one test per 12 months; for monitoring Diabetes testing remains unchanged - 4 tests per 12 months.
Further information may be found at MBS online
<http://www9.health.gov.au/mbs/search.cfm>
An alternative test to monitor diabetes such as serum fructosamine is advisable in the presence of altered red cell lifespan.
HbA1c performed on the Sebia Cap3 analyser by capillary electrophoresis.

HA

PDF Image Enhanced Report

A PDF version of this report with images is available until 09-12-2023. Copy and paste the URL below into your web browser and use PIN 0323 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=6DA41EDA-B256-4A84-8D52-8FE927D1D5A1&hostCode=SNP&shareType=1>

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-H-H900
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: .BLOOD COUNT
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Haematology

Date	Latest Results					
	16-Feb-17	05-Nov-18	19-May-20	17-Nov-21	Reference	Units
Time F-Fast	0711	1426	0913	0849 F		
Lab Id.	634517480	644330387	652302107	662700783		
Haemoglobin	147	143	147	145	(135-175)	g/L
Haematocrit	0.44	0.42	0.43	0.43	(0.40-0.54)	
RCC	4.9	4.7	4.7	4.6	(4.5-6.5)	10*12/L
MCV	91	90	91	94	(80-100)	fL
WCC	5.1	6.2	3.9	4.7	(3.5-10.0)	10*9/L
Neutrophils	3.29	4.52	2.06	3.07	(1.5-6.5)	10*9/L
Lymphocytes	1.19	1.08	1.32	1.10	(1.0-4.0)	10*9/L
Monocytes	0.42	0.46	0.31	0.33	(0-0.9)	10*9/L
Eosinophils	0.14	0.05	0.14	0.11	(0-0.6)	10*9/L
Basophils	0.06	0.06	0.07	0.06	(0-0.15)	10*9/L
Platelets	225	258	241	256	(150-400)	10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
 27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 662700783-I-K500
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR BEN J BUXTON

Name of Test: S-Allergy Testing
Requested: 17/11/2021 **Collected:** 17/11/2021 **Reported:** 09/12/2022 15:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Allergy Serology	kU/L	Class
Immunoglobulin E (Total IgE)	313 H (<100)	kIU/L
Comments on Lab Id: 662700783		

Elevated total IgE is present in many patients with atopic diseases (asthma, eczema, allergic rhinitis) and some parasitic infections.

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium , Zinc, E/LFT, TSH, Vitamin B12, Folate (Serum), Testosterone, Vitamin D, HbA1c, FBE, IgE

Tests Pending :
 Sample Pending :

WRAY, DANIEL
 27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 662700783-C-C847
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR BEN J BUXTON

Name of Test: S- LIPID PROFILE
Requested: 17/11/2021 **Collected:** 17/11/2021 **Reported:** 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Lipid Profile

	Latest Results				
Date	05-Nov-18	19-May-20	25-Jul-20	17-Nov-21	
Time F-Fast	1426	0913	0904 F	0849 F	
Lab Id.	644330387	652302107	651523612	662700783	Reference Units
Cholesterol	6.0 H	6.5 H	6.3 H	6.0 H	(<5.6) mmol/L
Triglyceride			0.6	1.1	(<2.1) mmol/L
HDL			1.76	1.71	(>0.89) mmol/L
LDL			4.3 H	3.8	(<4.1) mmol/L
Chol/HDL Ratio			3.6	3.5	(<4.6)
Non HDLC			4.54 H	4.29 H	(<3.81) mmol/L

Comments on Collection 17-Nov-21 0849 F:

HDL-Cholesterol

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol <4.0 mmol/L
 HDL-Cholesterol >=1.00 mmol/L

Fasting Triglycerides <2.0 mmol/L
Non-HDL Cholesterol <2.5 mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-I-K500
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: S-Allergy Testing
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Allergy Serology	kU/L	Class
Immunoglobulin E (Total IgE)	313 H (<100)	kIU/L
Comments on Lab Id: 662700783		

Elevated total IgE is present in many patients with atopic diseases (asthma, eczema, allergic rhinitis) and some parasitic infections.

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-C-H245
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: .ANAEMIA
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Haematinics

Date	05-Nov-18	19-May-20	25-Jul-20	Latest Results
Time F-Fast	1426	0913	0904 F	0849 F
Lab Id.	644330387	652302107	651523612	662700783 Reference Units

Iron	21	12	15	(5-30)	umol/L
Transferrin	2.7	2.6	2.6	(1.9-3.1)	g/L
TIBC	67	66	66	(47-77)	umol/L
Trans Sat	31	18 L	23	(20-45)	%
Ferritin	136	147	152	(30-300)	ug/L
CRP	0.5			(<5)	mg/L
Vitamin B12			523	(>150)	pmol/L
Folate serum			25	(>7.0)	nmol/L

Comments on Collection 17-Nov-21 0849 F:
Iron Studies
Normal Iron Status.

All patients with low or equivocal vitamin B12 results (380 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.
Both tests are now Medicare rebateable. Vitamin B12 concentrations over 380 pmol/L are generally considered replete.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT, TSH, Vitamin B12, Folate (Serum), Testosterone, Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-C-C140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: S-ROUTINE CHEMISTRY
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Chemistry (serum)

	Latest Results					
Date	05-Nov-18	19-May-20	25-Jul-20	17-Nov-21		
Time F-Fast	1426	0913	0904 F	0849 F		
Lab Id.	644330387	652302107	651523612	662700783	Reference	Units
Sodium	139	141	139	139	(135-145)	mmol/L
Potassium	4.6	4.5	4.8	4.4	(3.5-5.5)	mmol/L
Chloride	107	105	103	106	(95-110)	mmol/L
Bicarbonate	27	27	29	25	(20-32)	mmol/L
Anion Gap	5	9	7	8	(<16)	mmol/L
Calcium (Corr.)	2.33	2.34	2.26	2.31	(2.10-2.60)	mmol/L
Phosphate	1.25	1.47	1.45	1.24	(0.80-1.50)	mmol/L
Urea	5.9	5.4	4.8	6.3	(3.0-8.0)	mmol/L
Urate	0.330	0.373	0.371	0.335	(0.200-0.500)	mmol/L
Creatinine	92	102	90	88	(60-110)	umol/L
eGFR	>90	82	>90	>90	(>59)	
Fast. Glucose			4.9	4.9	(3.6-6.0)	mmol/L
Random Glucose	5.4	4.9			(3.6-7.7)	mmol/L
Total Protein	77	75	74	74	(66-83)	g/L
Albumin	44	45	43	42	(35-48)	g/L
Globulin	33	30	31	32	(23-43)	g/L
T Bilirubin	15	11	12	11	(<21)	umol/L
ALP	45	46	53	47	(35-110)	U/L
AST	18	18	19	18	(10-40)	U/L
ALT	15	16	18	19	(5-40)	U/L

GGT	16	13	19	18	(5-50)	U/L
LDH	203	163	160	178	(120-250)	U/L
Cholesterol	6.0 H	6.5 H	6.3 H	6.0 H	(<5.6)	mmol/L
Triglyceride			0.6	1.1	(<2.1)	mmol/L
Magnesium				0.83	(0.70-1.10)	mmol/L
Haemolysis Index	6	5	4	5	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-C-B099
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: ZINC VIRTUAL
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Zinc

Zinc-plasma 11.5 (9.0 - 19.0) umol/L
Comments on Lab Id: 662700783

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-E-E030
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: S- THYROID FUNCTION
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Thyroid Function Tests

	Latest Results			
Date	16-Feb-17	05-Nov-18	25-Jul-20	17-Nov-21
Time F-Fast	0711	1426	0904 F	0849 F
Lab Id.	634517480	644330387	651523612	662700783 Reference Units

TSH 1.1 0.6 1.2 1.0 (0.3-3.5) mIU/L

Comments on Collection 17-Nov-21 0849 F:
Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-E-E515
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: S- ANDROGENS
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Androgens

	Latest Results				
Date	16-Feb-17	19-May-20	17-Nov-21		
Time F-Fast	0711	0913	0849 F		
Lab Id.	634517480	652302107	662700783	Reference	Units
Testosterone	11.7	20.7	16.2	(11.0-40.0)	nmol/L

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-E-E405
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: S-VITAMIN D
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

25 Hydroxy Vitamin D

25-OH Vitamin D 90 (50 - 150) nmol/L
Comments on Collection 662700783

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is

defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end
of summer, to allow for seasonal decrease.)
Mild vitamin D deficiency: 30-49 nmol/L
Moderate vitamin deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

KY

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, Iron Studies, Magnesium, Zinc, E/LFT,
TSH, Vitamin B12, Folate (Serum), Testosterone,
Vitamin D, HbA1c, FBE, IgE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 662700783-H-E416

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: HbA1c

Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

HbA1c

Date	Latest Results			
	05-Nov-18	17-Nov-21		
Time F-Fast	1426	0849 F		
Lab Id.	644330387	662700783	Reference	Units
HbA1c (NGSP)	5.3	5.3	(<6.5)	%
HbA1c (IFCC)	35	34	(<48)	mmol/mol

Comments on Collection 17-Nov-21 0849 F:

The currently accepted cut-point for diagnosis of Type 2 Diabetes is an HbA1c level equal to or greater than 6.5% (48 mmol/mol) in patients with normal red blood cell turnover.

An abnormal screening HbA1c equal to or greater than 6.5% (48 mmol/mol) should be confirmed by a repeat HbA1c level as soon as possible, prior to any dietary adjustment or therapeutic intervention.

If the follow up HbA1c is less than 6.5% (48mmol/mol) then the patient does not have diabetes and should be rescreened in 12 months time.

(Ref: MJA 197/4:220-221 (2012))

Patients with HbA1c levels of 5.7 - 6.4% (38 - 46 mmol/mol) may still have a slightly increased risk of microvascular complications according to the AusDiab study.

The Medicare item for HbA1C for diagnosis of Diabetes Mellitus is limited to one test per 12 months; for monitoring Diabetes testing remains unchanged - 4 tests per 12 months.

Further information may be found at MBS online

<http://www9.health.gov.au/mbs/search.cfm>

An alternative test to monitor diabetes such as serum fructosamine is advisable in the presence of altered red cell lifespan.

HbA1c performed on the Sebia Cap3 analyser by capillary electrophoresis.

HA

PDF Image Enhanced Report

A PDF version of this report with images is available until 14-12-2023. Copy and paste the URL below into your web browser and use PIN 9103 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=FC437F8A-1EBF-40FA-BF88-9857A3F8B91D&hostCode=SNP&shareType=1>

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 662700783-H-H900
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR BEN J BUXTON

Name of Test: .BLOOD COUNT
Requested: 17/11/2021 Collected: 17/11/2021 Reported: 14/12/2022 11:10

Clinical notes: Fatigue and allergic rhinitis

Clinical Notes : Fatigue and allergic rhinitis

Haematology

				Latest Results		
Date	16-Feb-17	05-Nov-18	19-May-20	17-Nov-21		
Time F-Fast	0711	1426	0913	0849 F		
Lab Id.	634517480	644330387	652302107	662700783	Reference	Units
Haemoglobin	147	143	147	145	(135-175)	g/L
Haematocrit	0.44	0.42	0.43	0.43	(0.40-0.54)	
RCC	4.9	4.7	4.7	4.6	(4.5-6.5)	10*12/L
MCV	91	90	91	94	(80-100)	fL
WCC	5.1	6.2	3.9	4.7	(3.5-10.0)	10*9/L
Neutrophils	3.29	4.52	2.06	3.07	(1.5-6.5)	10*9/L
Lymphocytes	1.19	1.08	1.32	1.10	(1.0-4.0)	10*9/L
Monocytes	0.42	0.46	0.31	0.33	(0-0.9)	10*9/L
Eosinophils	0.14	0.05	0.14	0.11	(0-0.6)	10*9/L
Basophils	0.06	0.06	0.07	0.06	(0-0.15)	10*9/L
Platelets	225	258	241	256	(150-400)	10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol,Iron Studies,Magnesium ,Zinc,E/LFT,
TSH,Vitamin B12,Folate (Serum),Testosterone,
Vitamin D,HbA1c,FBE,IgE

Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: 7AD31C849A Lab Reference: 664959877-C-C847
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR AMY WATSON

Name of Test: S- LIPID PROFILE
Requested: 01/06/2022 Collected: 02/06/2022 Reported: 09/12/2022 15:10

Clinical notes: High cholesterol, ?partner has hepatitis

Clinical Notes : High cholesterol, ?partner has hepatitis

Lipid Profile

				Latest Results		
Date	19-May-20	25-Jul-20	17-Nov-21	02-Jun-22		
Time F-Fast	0913	0904 F	0849 F	0800 F		
Lab Id.	652302107	651523612	662700783	664959877	Reference	Units
Cholesterol	6.5 H	6.3 H	6.0 H	5.5	(<5.6)	mmol/L
Triglyceride		0.6	1.1	0.7	(<2.1)	mmol/L
HDL		1.76	1.71	1.50	(>0.89)	mmol/L
LDL		4.3 H	3.8	3.7	(<4.1)	mmol/L
Chol/HDL Ratio		3.6	3.5	3.7	(<4.6)	
Non HDLC		4.54 H	4.29 H	4.00 H	(<3.81)	mmol/L

Comments on Collection 02-Jun-22 0800 F:

HDL-Cholesterol

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol	<4.0	mmol/L
HDL-Cholesterol	>=1.00	mmol/L
Fasting Triglycerides	<2.0	mmol/L
Non-HDL Cholesterol	<2.5	mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, HBsAg, HepC-IgG, AUSAB, HepB Serology

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: 7AD31C849A Lab Reference: 664959877-E-E140

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR AMY WATSON

Name of Test: S- HEPATITIS ABC

Requested: 01/06/2022 Collected: 02/06/2022 Reported: 09/12/2022 15:10

Clinical notes: High cholesterol, ?partner has hepatitis

Clinical Notes : High cholesterol, ?partner has hepatitis

Hepatitis Serology

HepB surface antigen	Negative	
HepB surface antibody	Positive	
HepB surface antibody	134	IU/L
HepC-IgG antibody	Negative	

Comments on Collection 664959877

Hepatitis C IgG may not appear for up to six (6) months after primary infection.

If this is acute phase serum, suggest repeat at a suitable interval.

No evidence of active Hepatitis B infection. If this is an acute sample then retesting in 60-90 days (range 45-180 days) post exposure is indicated.

Consistent with either hepatitis B immunization or past hepatitis B infection. Patient is immune. An anti-HBs level >10 IU/L indicates immunity to hepatitis B.

For further information on Hepatitis B Vaccination see:
<http://protocols.sonichealthcare.com/shared/IP136.pdf>

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, HBsAg, HepC-IgG, AUSAB, HepB Serology
Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: 7AD31C849A **Lab Reference:** 664959877-C-C847
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR AMY WATSON

Name of Test: S- LIPID PROFILE
Requested: 01/06/2022 **Collected:** 02/06/2022 **Reported:** 14/12/2022 11:10

Clinical notes: High cholesterol, ?partner has hepatitis

Clinical Notes : High cholesterol, ?partner has hepatitis

Lipid Profile

Date	Latest Results				Reference	Units
	19-May-20	25-Jul-20	17-Nov-21	02-Jun-22		
Time F-Fast	0913	0904 F	0849 F	0800 F		
Lab Id.	652302107	651523612	662700783	664959877		
Cholesterol	6.5 H	6.3 H	6.0 H	5.5	(<5.6)	mmol/L
Triglyceride		0.6	1.1	0.7	(<2.1)	mmol/L
HDL		1.76	1.71	1.50	(>0.89)	mmol/L
LDL		4.3 H	3.8	3.7	(<4.1)	mmol/L
Chol/HDL Ratio		3.6	3.5	3.7	(<4.6)	
Non HDLC		4.54 H	4.29 H	4.00 H	(<3.81)	mmol/L

Comments on Collection 02-Jun-22 0800 F:

HDL-Cholesterol

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol <4.0 mmol/L
HDL-Cholesterol >=1.00 mmol/L
Fasting Triglycerides <2.0 mmol/L
Non-HDL Cholesterol <2.5 mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, HBsAg, HepC-IgG, AUSAB, HepB Serology
Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: 7AD31C849A **Lab Reference:** 664959877-E-E140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR AMY WATSON

Name of Test: S- HEPATITIS ABC
Requested: 01/06/2022 **Collected:** 02/06/2022 **Reported:** 14/12/2022 11:10

Clinical notes: High cholesterol, ?partner has hepatitis

Clinical Notes : High cholesterol, ?partner has hepatitis

Hepatitis Serology

HepB surface antigen Negative
HepB surface antibody Positive
HepB surface antibody 134 IU/L
HepC-IgG antibody Negative
Comments on Collection 664959877

Hepatitis C IgG may not appear for up to six (6) months after primary infection.
If this is acute phase serum, suggest repeat at a suitable interval.

No evidence of active Hepatitis B infection. If this is an acute sample then retesting in 60-90 days (range 45-180 days) post exposure is indicated.
Consistent with either hepatitis B immunization or past hepatitis B infection. Patient is immune. An anti-HBs level >10 IU/L indicates immunity to hepatitis B.
For further information on Hepatitis B Vaccination see:
<http://protocols.sonichealthcare.com/shared/IP136.pdf>

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: HDL-Cholesterol, HBsAg, HepC-IgG, AUSAB, HepB Serology
Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 667963762-C-H245
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR IMTIAZ JAMAL
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: .ANAEMIA
Requested: 01/09/2022 **Collected:** 01/09/2022 **Reported:** 09/12/2022 15:10

Clinical Notes :

Haematinics

				Latest Results		
Date	19-May-20	25-Jul-20	17-Nov-21	01-Sep-22		
Time F-Fast	0913	0904 F	0849 F	1539		
Lab Id.	652302107	651523612	662700783	667963762	Reference	Units
Iron		12	15	17	(5-30)	umol/L
Transferrin		2.6	2.6	2.4	(1.9-3.1)	g/L
TIBC		66	66	61	(47-77)	umol/L
Trans Sat		18 L	23	28	(20-45)	%
Ferritin		147	152	163	(30-300)	ug/L
CRP	0.5			<0.4	(<5)	mg/L
Vitamin B12			523		(>150)	pmol/L
Folate serum			25		(>7.0)	nmol/L

Comments on Collection 01-Sep-22 1539:
Iron Studies
Normal Iron Status.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE
Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 667963762-C-C290
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR IMTIAZ JAMAL
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-C REACTIVE PROTEIN
Requested: 01/09/2022 **Collected:** 01/09/2022 **Reported:** 09/12/2022 15:10

Clinical Notes :

				Latest Results	
Date	24-Nov-15	19-May-20	01-Sep-22		
Time F-Fast	0725 F	0913	1539		
Lab Id.	619447861	652302107	667963762	Reference	Units
CRP	<1	0.5	<0.4	(<5)	mg/L

Comments on Collection 01-Sep-22 1539:

C Reactive Protein

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE
Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 667963762-C-C140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR IMTIAZ JAMAL
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S- ROUTINE CHEMISTRY
Requested: 01/09/2022 **Collected:** 01/09/2022 **Reported:** 09/12/2022 15:10

Clinical Notes :

Chemistry (serum)

				Latest Results
Date	25-Jul-20	17-Nov-21	02-Jun-22	01-Sep-22

Time F-Fast	0904 F	0849 F	0800 F	1539		
Lab Id.	651523612	662700783	664959877	667963762	Reference	Units
Sodium	139	139		139	(135-145)	mmol/L
Potassium	4.8	4.4		4.5	(3.5-5.5)	mmol/L
Chloride	103	106		105	(95-110)	mmol/L
Bicarbonate	29	25		26	(20-32)	mmol/L
Anion Gap	7	8		8	(<16)	mmol/L
Calcium (Corr.)	2.26	2.31		2.28	(2.10-2.60)	mmol/L
Phosphate	1.45	1.24		1.39	(0.80-1.50)	mmol/L
Urea	4.8	6.3		5.7	(3.0-8.0)	mmol/L
Urate	0.371	0.335		0.248	(0.200-0.500)	mmol/L
Creatinine	90	88		85	(60-110)	umol/L
eGFR	>90	>90		>90	(>59)	
Fast. Glucose	4.9	4.9			(3.6-6.0)	mmol/L
Random Glucose				4.9	(3.6-7.7)	mmol/L
Total Protein	74	74		72	(66-83)	g/L
Albumin	43	42		44	(35-48)	g/L
Globulin	31	32		28	(23-43)	g/L
T Bilirubin	12	11		11	(<21)	umol/L
ALP	53	47		50	(35-110)	U/L
AST	19	18		17	(10-40)	U/L
ALT	18	19		19	(5-40)	U/L
GGT	19	18		16	(5-50)	U/L
LDH	160	178		158	(120-250)	U/L
Cholesterol	6.3 H	6.0 H	5.5	5.4	(<5.6)	mmol/L
Triglyceride	0.6	1.1	0.7		(<2.1)	mmol/L
Magnesium		0.83			(0.70-1.10)	mmol/L
Haemolysis Index	4	5		6	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 667963762-E-E030

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S- THYROID FUNCTION

Requested: 01/09/2022 Collected: 01/09/2022 Reported: 09/12/2022 15:10

Clinical Notes :

Thyroid Function Tests

				Latest Results		
Date	05-Nov-18	25-Jul-20	17-Nov-21	01-Sep-22		
Time F-Fast	1426	0904 F	0849 F	1539		
Lab Id.	644330387	651523612	662700783	667963762	Reference	Units
TSH	0.6	1.2	1.0	0.7	(0.3-3.5)	mIU/L

Comments on Collection 01-Sep-22 1539:

Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE
Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 667963762-E-E405
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-VITAMIN D
Requested: 01/09/2022 Collected: 01/09/2022 Reported: 09/12/2022 15:10

Clinical Notes :

			Latest Results	
Date	17-Nov-21	01-Sep-22		
Time F-Fast	0849 F	1539		
Lab Id.	662700783	667963762	Reference	Units
Hydroxycalciferol	90	82	(50-150)	nmol/L

Comments on Collection 01-Sep-22 1539:
According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)
Mild vitamin D deficiency: 30-49 nmol/L
Moderate vitamin deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

KY

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE
Tests Pending :
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 667963762-H-H900
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: .BLOOD COUNT
Requested: 01/09/2022 Collected: 01/09/2022 Reported: 09/12/2022 15:10

Clinical Notes :

Haematology

				Latest Results	
Date	05-Nov-18	19-May-20	17-Nov-21	01-Sep-22	
Time F-Fast	1426	0913	0849 F	1539	
Lab Id.	644330387	652302107	662700783	667963762	Reference Units
Haemoglobin	143	147	145	140	(135-175) g/L
Haematocrit	0.42	0.43	0.43	0.40	(0.40-0.54)

RCC	4.7	4.7	4.6	4.4 L	(4.5-6.5)	10*12/L
MCV	90	91	94	92	(80-100)	fL
WCC	6.2	3.9	4.7	5.6	(3.5-10.0)	10*9/L
Neutrophils	4.52	2.06	3.07	3.54	(1.5-6.5)	10*9/L
Lymphocytes	1.08	1.32	1.10	1.52	(1.0-4.0)	10*9/L
Monocytes	0.46	0.31	0.33	0.45	(0-0.9)	10*9/L
Eosinophils	0.05	0.14	0.11	0.08	(0-0.6)	10*9/L
Basophils	0.06	0.07	0.06	0.05	(0-0.15)	10*9/L
Platelets	258	241	256	256	(150-400)	10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 667963762-C-H245

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: .ANAEMIA

Requested: 01/09/2022 Collected: 01/09/2022 Reported: 14/12/2022 11:10

Clinical Notes :

Haematinics

Date	Latest Results				Reference	Units
	19-May-20	25-Jul-20	17-Nov-21	01-Sep-22		
Time F-Fast	0913	0904 F	0849 F	1539		
Lab Id.	652302107	651523612	662700783	667963762		
Iron		12	15	17	(5-30)	umol/L
Transferrin		2.6	2.6	2.4	(1.9-3.1)	g/L
TIBC		66	66	61	(47-77)	umol/L
Trans Sat		18 L	23	28	(20-45)	%
Ferritin		147	152	163	(30-300)	ug/L
CRP	0.5			<0.4	(<5)	mg/L
Vitamin B12			523		(>150)	pmol/L
Folate serum			25		(>7.0)	nmol/L

Comments on Collection 01-Sep-22 1539:

Iron Studies

Normal Iron Status.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 667963762-C-C290

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S-C REACTIVE PROTEIN

Requested: 01/09/2022 **Collected:** 01/09/2022 **Reported:** 14/12/2022 11:10

Clinical Notes :

	Latest Results				
Date	24-Nov-15	19-May-20	01-Sep-22		
Time F-Fast	0725 F	0913	1539		
Lab Id.	619447861	652302107	667963762	Reference	Units
CRP	<1	0.5	<0.4	(<5)	mg/L

Comments on Collection 01-Sep-22 1539:

C Reactive Protein

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies, CRP, E/LFT, TSH, Vitamin D, FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 667963762-C-C140

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL

Copy to: ATTN: QLD CANCER REGISTRY

Name of Test: S- ROUTINE CHEMISTRY

Requested: 01/09/2022 **Collected:** 01/09/2022 **Reported:** 14/12/2022 11:10

Clinical Notes :

Chemistry (serum)

	Latest Results				
Date	25-Jul-20	17-Nov-21	02-Jun-22	01-Sep-22	
Time F-Fast	0904 F	0849 F	0800 F	1539	
Lab Id.	651523612	662700783	664959877	667963762	Reference Units
Sodium	139	139	139	(135-145)	mmol/L
Potassium	4.8	4.4	4.5	(3.5-5.5)	mmol/L
Chloride	103	106	105	(95-110)	mmol/L
Bicarbonate	29	25	26	(20-32)	mmol/L
Anion Gap	7	8	8	(<16)	mmol/L
Calcium (Corr.)	2.26	2.31	2.28	(2.10-2.60)	mmol/L
Phosphate	1.45	1.24	1.39	(0.80-1.50)	mmol/L
Urea	4.8	6.3	5.7	(3.0-8.0)	mmol/L
Urate	0.371	0.335	0.248	(0.200-0.500)	mmol/L
Creatinine	90	88	85	(60-110)	umol/L
eGFR	>90	>90	>90	(>59)	
Fast. Glucose	4.9	4.9		(3.6-6.0)	mmol/L
Random Glucose			4.9	(3.6-7.7)	mmol/L
Total Protein	74	74	72	(66-83)	g/L

Albumin	43	42	44	(35-48)	g/L
Globulin	31	32	28	(23-43)	g/L
T Bilirubin	12	11	11	(<21)	umol/L
ALP	53	47	50	(35-110)	U/L
AST	19	18	17	(10-40)	U/L
ALT	18	19	19	(5-40)	U/L
GGT	19	18	16	(5-50)	U/L
LDH	160	178	158	(120-250)	U/L

Cholesterol	6.3 H	6.0 H	5.5	5.4	(<5.6)	mmol/L
Triglyceride	0.6	1.1	0.7		(<2.1)	mmol/L
Magnesium		0.83			(0.70-1.10)	mmol/L
Haemolysis Index	4	5		6	(<40)	mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 667963762-E-E030

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S- THYROID FUNCTION

Requested: 01/09/2022 Collected: 01/09/2022 Reported: 14/12/2022 11:10

Clinical Notes :

Thyroid Function Tests

	Latest Results				
Date	05-Nov-18	25-Jul-20	17-Nov-21	01-Sep-22	
Time F-Fast	1426	0904 F	0849 F	1539	
Lab Id.	644330387	651523612	662700783	667963762	Reference Units
TSH	0.6	1.2	1.0	0.7	(0.3-3.5) mIU/L

Comments on Collection 01-Sep-22 1539:

Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 667963762-E-E405

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S-VITAMIN D

Requested: 01/09/2022 Collected: 01/09/2022 Reported: 14/12/2022 11:10

Clinical Notes :

				Latest Results	
Date	17-Nov-21	01-Sep-22			
Time F-Fast	0849 F	1539			
Lab Id.	662700783	667963762	Reference	Units	
Hydroxycalciferol	90	82	(50-150)	nmol/L	

Comments on Collection 01-Sep-22 1539:

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)

Mild vitamin D deficiency: 30-49 nmol/L

Moderate vitamin deficiency: 12.5-29 nmol/L

Severe vitamin D deficiency: < 12.5 nmol/L

KY

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 667963762-H-H900

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR IMTIAZ JAMAL

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: .BLOOD COUNT

Requested: 01/09/2022 Collected: 01/09/2022 Reported: 14/12/2022 11:10

Clinical Notes :

Haematology

				Latest Results	
Date	05-Nov-18	19-May-20	17-Nov-21	01-Sep-22	
Time F-Fast	1426	0913	0849 F	1539	
Lab Id.	644330387	652302107	662700783	667963762	Reference Units
Haemoglobin	143	147	145	140	(135-175) g/L
Haematocrit	0.42	0.43	0.43	0.40	(0.40-0.54)
RCC	4.7	4.7	4.6	4.4 L	(4.5-6.5) 10*12/L
MCV	90	91	94	92	(80-100) fL
WCC	6.2	3.9	4.7	5.6	(3.5-10.0) 10*9/L
Neutrophils	4.52	2.06	3.07	3.54	(1.5-6.5) 10*9/L
Lymphocytes	1.08	1.32	1.10	1.52	(1.0-4.0) 10*9/L
Monocytes	0.46	0.31	0.33	0.45	(0-0.9) 10*9/L
Eosinophils	0.05	0.14	0.11	0.08	(0-0.6) 10*9/L
Basophils	0.06	0.07	0.06	0.05	(0-0.15) 10*9/L
Platelets	258	241	256	256	(150-400) 10*9/L

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Iron Studies,CRP,E/LFT,TSH,Vitamin D,FBE

Tests Pending :

Sample Pending :

WRAY, DANIEL
 27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 670438519-H-H900
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
 ATTN: QLD CANCER REGISTRY

Name of Test: .BLOOD COUNT
Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 21/12/2022 12:10

Clinical Notes :

Haematology

Date	Latest Results				Reference	Units
	19-May-20	17-Nov-21	01-Sep-22	21-Dec-22		
Time F-Fast	0913	0849 F	1539	0858 F		
Lab Id.	652302107	662700783	667963762	670438519		
Haemoglobin	147	145	140	145	(135-175)	g/L
Haematocrit	0.43	0.43	0.40	0.42	(0.40-0.54)	
RCC	4.7	4.6	4.4 L	4.6	(4.5-6.5)	10*12/L
MCV	91	94	92	91	(80-100)	fL
WCC	3.9	4.7	5.6	5.2	(3.5-10.0)	10*9/L
Neutrophils	2.06	3.07	3.54	3.56	(1.5-6.5)	10*9/L
Lymphocytes	1.32	1.10	1.52	1.04	(1.0-4.0)	10*9/L
Monocytes	0.31	0.33	0.45	0.37	(0-0.9)	10*9/L
Eosinophils	0.14	0.11	0.08	0.13	(0-0.6)	10*9/L
Basophils	0.07	0.06	0.05	0.06	(0-0.15)	10*9/L
Platelets	241	256	256	259	(150-400)	10*9/L

HA

Tests Completed: FBE
 Tests Pending : Copper (Serum),Creatinine,Glucose,Phosphate,Urea,
 Iron Studies,CPK,CRP,Zinc,Manganese,E/LFT,TSH,
 Vitamin A,Vitamin B12,Folate (Serum),Vitamin B6,
 Vit C,DHEAS,Vitamin D,Cortisol AM,Histamine,PTH,ESR,
 ECP,Tryptase,Caeruloplasmin,CT,Asper Ag,Strep Abs,Aspergillus Abs
 Sample Pending :

WRAY, DANIEL
 27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 670438519-C-C140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
 ATTN: QLD CANCER REGISTRY

Name of Test: S- ROUTINE CHEMISTRY
Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 21/12/2022 14:10

Clinical Notes :

Chemistry (serum)

Date	Latest Results				Reference	Units
	17-Nov-21	02-Jun-22	01-Sep-22	21-Dec-22		
Time F-Fast	0849 F	0800 F	1539	0858 F		
Lab Id.	662700783	664959877	667963762	670438519		
Sodium	139		139	140	(135-145)	mmol/L
Potassium	4.4		4.5	4.2	(3.5-5.5)	mmol/L
Chloride	106		105	105	(95-110)	mmol/L
Bicarbonate	25		26	25	(20-32)	mmol/L

Anion Gap	8	8	10	(<16)	mmol/L
Calcium (Corr.)	2.31	2.28	2.23	(2.10-2.60)	mmol/L
Phosphate	1.24	1.39	1.23	(0.80-1.50)	mmol/L
Urea	6.3	5.7	6.4	(3.0-8.0)	mmol/L
Urate	0.335	0.248	0.333	(0.200-0.500)	mmol/L
Creatinine	88	85	101	(60-110)	umol/L
eGFR	>90	>90	81	(>59)	
Fast. Glucose	4.9		4.6	(3.6-6.0)	mmol/L
Random Glucose		4.9		(3.6-7.7)	mmol/L
Total Protein	74	72	78	(66-83)	g/L
Albumin	42	44	46	(35-48)	g/L
Globulin	32	28	32	(23-43)	g/L
T Bilirubin	11	11	13	(<21)	umol/L
ALP	47	50	54	(35-110)	U/L
AST	18	17	20	(10-40)	U/L
ALT	19	19	26	(5-40)	U/L
GGT	18	16	26	(5-50)	U/L
LDH	178	158	207	(120-250)	U/L
Cholesterol	6.0 H	5.5	5.4	6.0 H (<5.6)	mmol/L
Triglyceride	1.1	0.7		(<2.1)	mmol/L
Creatine Kinase			192	(45-250)	U/L
Magnesium	0.83			(0.70-1.10)	mmol/L
Haemolysis Index	5	6	2	(<40)	mg/dL

Comments on Collection 21-Dec-22 0858 F:

CK

From 10/06/2022 Creatine Kinase (CK) reference intervals for patients under 17 years of age have been modified.

CA

Tests Completed: Creatinine, Glucose, Phosphate, Urea, CPK, CRP, E/LFT, FBE

Tests Pending : Copper (Serum), Iron Studies, Zinc, Manganese, TSH, Vitamin A, Vitamin B12, Folate (Serum), Vitamin B6, Vit C, DHEAS, Vitamin D, Cortisol AM, Histamine, PTH, ESR, ECP, Tryptase, Caeruloplasmin, CT, Strep Abs, Aspergillus Abs

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 670438519-C-C290

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S-C REACTIVE PROTEIN

Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 14:10

Clinical Notes :

Latest Results					
Date	24-Nov-15	19-May-20	01-Sep-22	21-Dec-22	
Time F-Fast	0725 F	0913	1539	0858 F	
Lab Id.	619447861	652302107	667963762	670438519	Reference Units
CRP	<1	0.5	<0.4	1.7	(<5) mg/L

Comments on Collection 21-Dec-22 0858 F:

C Reactive Protein

Interpretation: Elevation in CRP indicates disease activity of an inflammatory, infective or neoplastic nature. CRP is a more sensitive early indicator of an acute phase response than is the ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

Artefactually decreased CRP values occur when patients are treated with antibiotics containing carboxypenicillins including Ticarcillin.

CA

Tests Completed: Creatinine, Glucose, Phosphate, Urea, CPK, CRP, E/LFT, FBE
Tests Pending : Copper (Serum), Iron Studies, Zinc, Manganese, TSH,
Vitamin A, Vitamin B12, Folate (Serum), Vitamin B6,
Vit C, DHEAS, Vitamin D, Cortisol AM, Histamine, PTH, ESR,
ECP, Tryptase, Caeruloplasmin, CT, Strep Abs, Aspergillus Abs
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-I-I307
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-CAERULOPLASMIN
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 16:10

Clinical Notes :

Caeruloplasmin 0.24 (0.20 - 0.45) g/L

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK,
CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Cortisol AM,
PTH, FBE, ESR, Caeruloplasmin, Strep Abs
Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2,
Vitamin A, Vitamin B6, Vit C, DHEAS, Vitamin D, Histamine,
ECP, Tryptase, CT, Aspergillus Abs
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-I-S305
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-STREPTOCOCCAL SEROL
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 16:10

Clinical Notes :

Streptococcal Serology

Anti-Streptolysin O (ASO) 171 (<250) IU/mL
Anti-DNase B 134 (<250) U/mL
Comments on Lab Id: 670438519

An elevation of one or both antibodies occurs after infection. Peak levels are achieved 3-6 weeks after onset, following uncomplicated infection. ADNase B levels are more likely to rise after streptococcal skin infections. Elevated antibody levels may take considerable time to return to normal (ASO up to one year, ADNase B up to two years). The sensitivity of the ASO in rheumatic fever and post-streptococcal glomerulonephritis is about 85% and greater when

ADNase B is included. Levels may have fallen in patients with delayed sequelae (eg. chorea).

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Cortisol AM, PTH, FBE, ESR, Caeruloplasmin, Strep Abs

Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2, Vitamin A, Vitamin B6, Vit C, DHEAS, Vitamin D, Histamine, ECP, Tryptase, CT, Aspergillus Abs

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 670438519-C-H245

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: .ANAEMIA

Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 16:10

Clinical Notes :

Haematinics

Date	Latest Results				Reference	Units
	25-Jul-20	17-Nov-21	01-Sep-22	21-Dec-22		
Time F-Fast	0904 F	0849 F	1539	0858 F		
Lab Id.	651523612	662700783	667963762	670438519		
Iron	12	15	17	13	(5-30)	umol/L
Transferrin	2.6	2.6	2.4	2.7	(1.9-3.1)	g/L
TIBC	66	66	61	69	(47-77)	umol/L
Trans Sat	18 L	23	28	19 L	(20-45)	%
Ferritin	147	152	163	140	(30-300)	ug/L
CRP			<0.4	1.7	(<5)	mg/L
Vitamin B12		523		613	(>150)	pmol/L
Folate serum		25		27	(>7.0)	nmol/L

Comments on Collection 21-Dec-22 0858 F:

Iron Studies

The normal ferritin implies normal iron stores. However, a normal ferritin level may be seen in iron deficient patients who have recently taken oral iron, or who have an intercurrent illness causing ferritin elevation.

All patients with low or equivocal vitamin B12 results (380 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.

Both tests are now Medicare rebateable. Vitamin B12 concentrations over 380 pmol/L are generally considered replete.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Cortisol AM, PTH, FBE, ESR, Caeruloplasmin, Strep Abs

Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2, Vitamin A, Vitamin B6, Vit C, DHEAS, Vitamin D, Histamine, ECP, Tryptase, CT, Aspergillus Abs

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-E-E030
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S- THYROID FUNCTION
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 16:10

Clinical Notes :

Thyroid Function Tests

	Latest Results			
Date	25-Jul-20	17-Nov-21	01-Sep-22	21-Dec-22
Time F-Fast	0904 F	0849 F	1539	0858 F
Lab Id.	651523612	662700783	667963762	670438519
				Reference Units
TSH	1.2	1.0	0.7	0.9 (0.3-3.5) mIU/L

Comments on Collection 21-Dec-22 0858 F:
Euthyroid

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK,
CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Cortisol AM,
PTH, FBE, ESR, Caeruloplasmin, Strep Abs

Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2,
Vitamin A, Vitamin B6, Vit C, DHEAS, Vitamin D, Histamine,
ECP, Tryptase, CT, Aspergillus Abs

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-E-E557
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S- CORTISOL
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 16:10

Clinical Notes :

Cortisol

Cortisol am 317 (100 - 535) nmol/L
Comments on Collection 670438519

Cortisol performed by Abbott immunoassay.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK,
CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Cortisol AM,
PTH, FBE, ESR, Caeruloplasmin, Strep Abs

Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2,
Vitamin A, Vitamin B6, Vit C, DHEAS, Vitamin D, Histamine,
ECP, Tryptase, CT, Aspergillus Abs

Sample Pending :

WRAY, DANIEL
 27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 670438519-E-E819
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
 ATTN: QLD CANCER REGISTRY

Name of Test: PARATHYROID HORMONE
Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 21/12/2022 16:10

Clinical Notes :

Parathyroid Hormone (PTH)
 Intact Parathyroid Hormone 3.3 (1.6 - 6.9) pmol/L
 Comments on Collection 670438519

Normal result.

High dose biotin, as may be used in the treatment of Multiple Sclerosis, can interfere in the Roche PTH assay. If the patient is on high dose biotin (>5 mg/day) please contact the laboratory on 07 3377 8530.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Cortisol AM, PTH, FBE, ESR, Caeruloplasmin, Strep Abs

Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2, Vitamin A, Vitamin B6, Vit C, DHEAS, Vitamin D, Histamine, ECP, Tryptase, CT, Aspergillus Abs

Sample Pending :

WRAY, DANIEL
 27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 670438519-H-H050
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
 ATTN: QLD CANCER REGISTRY

Name of Test: ESR
Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 21/12/2022 16:10

Clinical Notes :

Date	Latest Results			Reference	Units
	24-Nov-15	19-May-20	21-Dec-22		
Time F-Fast	0725 F	0913	0858 F		
Lab Id.	619447861	652302107	670438519		
ESR	8	2	5	(1-12)	mm/h

HA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Cortisol AM, PTH, FBE, ESR, Caeruloplasmin, Strep Abs

Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2, Vitamin A, Vitamin B6, Vit C, DHEAS, Vitamin D, Histamine, ECP, Tryptase, CT, Aspergillus Abs

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-E-E405
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-VITAMIN D
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 17:10

Clinical Notes :

	Latest Results			
Date	17-Nov-21	01-Sep-22	21-Dec-22	
Time F-Fast	0849 F	1539	0858 F	
Lab Id.	662700783	667963762	670438519	Reference Units
Hydroxycalciferol	90	82	114	(50-150) nmol/L

Comments on Collection 21-Dec-22 0858 F:
According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):1-7, 2012, vitamin D status is defined as:

Vitamin D adequacy: >49 nmol/L at the end of winter
(levels may need to be 10-20 nmol/L higher at the end of summer, to allow for seasonal decrease.)
Mild vitamin D deficiency: 30-49 nmol/L
Moderate vitamin deficiency: 12.5-29 nmol/L
Severe vitamin D deficiency: < 12.5 nmol/L

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), Vitamin D, Cortisol AM, PTH, FBE, ESR, Caeruloplasmin, Strep Abs
Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2, Vitamin A, Vitamin B6, Vit C, DHEAS, Histamine, ECP, Tryptase, CT, Aspergillus Abs

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-E-E345
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-DHEAS
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 21/12/2022 19:10

Dehydro Epiandrosterone Sulphate (DHEAS)

DHEAS 11.8 H (2.4 - 11.6) umol/L
Comments on Collection 670438519

DHEAS is performed by Abbott CMIA.

MB

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK,
CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), DHEAS,
Vitamin D, Cortisol AM, PTH, FBE, ESR, Caeruloplasmin, Strep Abs
Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2,
Vitamin A, Vitamin B6, Vit C, Histamine, ECP, Tryptase, CT, Aspergillus Abs
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-I-I105
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-TRYPTASE
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 22/12/2022 05:11

Allergy Testing

Tryptase 3.5 (<13.5) ug/L
Comments on Lab Id: 670438519

Tryptase levels may be elevated in systemic mastocytosis/urticaria pigmentosa as well as following mast cell degranulation (usually after insect sting reactions or parenteral drug reactions). Elevated tryptase is associated with hypotension in allergic events. Follow up testing of elevated levels is recommended to exclude mastocytosis and monitor progression of this disorder. All patients with insect sting allergy should have their Tryptase checked prior to immunotherapy. False positive tryptase results may occur due to IgM Rheumatoid factor or human anti-mouse antibodies.

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK,
CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), DHEAS,
Vitamin D, Cortisol AM, PTH, FBE, ESR, Tryptase,
Caeruloplasmin, Strep Abs, Aspergillus Abs
Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2,
Vitamin A, Vitamin B6, Vit C, Histamine, ECP, CT
Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 670438519-I-S310
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-ASPERGILLUS SEROL
Requested: 20/12/2022 Collected: 21/12/2022 Reported: 22/12/2022 05:11

Aspergillus Serology

Aspergillus fumigatus IgG 19 mg/L
Aspergillus Fumigatus IgE 0.01 kU/L

IgE RAST Class 0
IgE RAST Interpretation Negative
Comments on Lab Id: 670438519

Interpretive Guidelines

Aspergillus fumigatus IgG (Note: From 19/10/2009 method changed to FEIA)
< 40 mg/L No significant Aspergillus IgG antibodies detected.
>=40 mg/L Consistent with Aspergillus colonisation, aspergilloma, chronic necrotising aspergillosis.
> 90 mg/L Supportive for the diagnosis of allergic bronchopulmonary aspergillosis and/or aspergilloma.

This test is not useful for the diagnosis of invasive aspergillosis. In this situation Aspergillus antigen and or tissue biopsy and or culture is required.

Aspergillus fumigatus IgE

This is a semiquantitative test that detects specific IgE to Aspergillus allergens. A positive test result to Aspergillus allergen supports a diagnosis of allergic bronchopulmonary aspergillosis but is also a common finding in healthy atopic individuals.

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, E/LFT, TSH, Vitamin B12, Folate (Serum), DHEAS, Vitamin D, Cortisol AM, PTH, FBE, ESR, Tryptase, Caeruloplasmin, Strep Abs, Aspergillus Abs

Tests Pending : Copper (Serum), Zinc, Manganese, .CU STUDIES 2, Vitamin A, Vitamin B6, Vit C, Histamine, ECP, CT

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 670438519-C-B099

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: ZINC VIRTUAL

Requested: 20/12/2022 Collected: 21/12/2022 Reported: 22/12/2022 19:10

Zinc

		Latest Results		
Date	17-Nov-21	21-Dec-22		
Time F-Fast	0849 F	0858 F		
Lab Id.	662700783	670438519	Reference	Units
Zinc-plasma	11.5	12.9	(9.0-19.0)	umol/L

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, Zinc, Manganese, E/LFT, TSH, Vitamin B12, Folate (Serum), Vit C, DHEAS, Vitamin D, Cortisol AM, PTH, FBE, ESR, Tryptase, Caeruloplasmin, Strep Abs, Aspergillus Abs

Tests Pending : Copper (Serum), .CU STUDIES 2, Vitamin A, Vitamin B6, Histamine, ECP, CT

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 670438519-C-B093
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: MANGANESE VIRTUAL
Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 22/12/2022 19:10

Manganese

Manganese-plasma 9 L (10 - 45) nmol/L
Comments on Lab Id: 670438519

LJ

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK,
CRP, Zinc, Manganese, E/LFT, TSH, Vitamin B12,
Folate (Serum), Vit C, DHEAS, Vitamin D, Cortisol AM, PTH,
FBE, ESR, Tryptase, Caeruloplasmin, Strep Abs, Aspergillus Abs

Tests Pending : Copper (Serum), .CU STUDIES 2, Vitamin A, Vitamin B6,
Histamine, ECP, CT

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 670438519-E-E208
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: VITAMIN C
Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 22/12/2022 19:10

Vitamin C (Ascorbate) 83 (26 - 85) umol/L

SM

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK,
CRP, Zinc, Manganese, E/LFT, TSH, Vitamin B12,
Folate (Serum), Vit C, DHEAS, Vitamin D, Cortisol AM, PTH,
FBE, ESR, Tryptase, Caeruloplasmin, Strep Abs, Aspergillus Abs

Tests Pending : Copper (Serum), .CU STUDIES 2, Vitamin A, Vitamin B6,
Histamine, ECP, CT

Sample Pending :

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 670438519-E-E193
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: VITAMIN B

Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 23/12/2022 05:11

Vitamin B1/B2/B6

Vitamin B6 (P5P) 550 H (20 - 190) nmol/L
Comments on Collection 670438519

Fasting B6 >400 nmol/L is suggestive of Genetic Hypophosphatasia in patients not receiving B6 supplements. If the alkaline phosphatase level is low, suggest measurement of urine phosphoethanolamine.

Sustained fasting B6 levels >250 nmol/L may be associated with a sensory neuropathy, although symptoms can take 3-6 months to develop at these levels. Symptoms will gradually resolve after B6 supplements are ceased. Energy drinks can contain vitamins including B6. Excessive intake of these drinks may produce elevated blood levels of B6.

To convert this Vitamin B6 result to mass units: nmol/L x 0.247 = mg/L

SM

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, Zinc, Manganese, E/LFT, TSH, Vitamin B12, Folate (Serum), Vitamin B6, Vit C, DHEAS, Vitamin D, Cortisol AM, PTH, FBE, ESR, Tryptase, Caeruloplasmin, Strep Abs, Aspergillus Abs

Tests Pending : Copper (Serum), .CU STUDIES 2, Vitamin A, Histamine, ECP, CT

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004

Your Reference: **Lab Reference:** 670438519-E-E755

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: HISTAMINE WB

Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 23/12/2022 10:10

Histamine (Whole Blood)

B-Histamine 1.4 (0.2 - 2.0) umol/L

VV

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Creatinine, Glucose, Phosphate, Urea, Iron Studies, CPK, CRP, Zinc, Manganese, E/LFT, TSH, Vitamin B12, Folate (Serum), Vitamin B6, Vit C, DHEAS, Vitamin D, Cortisol AM, Histamine, PTH, FBE, ESR, Tryptase, Caeruloplasmin, Strep Abs, Aspergillus Abs

Tests Pending : Copper (Serum), .CU STUDIES 2, Vitamin A, ECP, CT

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004

Your Reference: 670438519 **Lab Reference:** 670438519-C-B091

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: COPPER VIRTUAL

Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 23/12/2022 16:10

Copper

Copper-serum	15.0	(11.0 - 22.0)	umol/L
Copper-plasma	17.0	(11.0 - 22.0)	umol/L

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum), Creatinine, Glucose, Phosphate, Urea,
Iron Studies, CPK, CRP, Zinc, Manganese, E/LFT,
.CU STUDIES 2, TSH, Vitamin B12, Folate (Serum),
Vitamin B6, Vit C, DHEAS, Vitamin D, Cortisol AM,
Histamine, PTH, FBE, ESR, Tryptase, Caeruloplasmin,
Strep Abs, Aspergillus Abs

Tests Pending : Vitamin A, ECP, CT

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004

Your Reference: 670438519 **Lab Reference:** 670438519-C-C787

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: .CU STUDIES 2

Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 23/12/2022 16:10

Free Copper

[

Copper-serum	15.0	(11.0 - 22.0)	umol/L
Caeruloplasmin	0.24	(0.20 - 0.45)	g/L
Caeruloplasmin	1.8	(1.5 - 3.4)	umol/L
Copper/Caeruloplasmin	8.3	(7 - 10)	mol/mol

Comments on Lab Id: 670438519

A normal serum copper to caeruloplasmin ratio makes Wilsons disease unlikely.

AR

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum), Creatinine, Glucose, Phosphate, Urea,
Iron Studies, CPK, CRP, Zinc, Manganese, E/LFT,
.CU STUDIES 2, TSH, Vitamin B12, Folate (Serum),
Vitamin B6, Vit C, DHEAS, Vitamin D, Cortisol AM,
Histamine, PTH, FBE, ESR, Tryptase, Caeruloplasmin,
Strep Abs, Aspergillus Abs

Tests Pending : Vitamin A, ECP, CT

Sample Pending :

WRAY, DANIEL

27 BRADMAN DR, CURRUMBIN VALLEY. 4223

Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004

Your Reference: 670438519 **Lab Reference:** 670438519-E-E067

WRAY, DANIEL
27 BRADMAN DR, CURRUMBIN VALLEY. 4223
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: 670438519 **Lab Reference:** 670438519-Z-I104
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S-ECP
Requested: 20/12/2022 **Collected:** 21/12/2022 **Reported:** 29/12/2022 14:10

Allergy Testing

Eosinophil Cationic Protein (ECP) 20.80 H (<15) ug/L
Comments on Lab Id: 670438519

Elevated Eosinophil Cationic Protein levels result from activation of eosinophils in allergic or eosinophilic syndromes. Medicare rebate is only available for ECP measurements in children (<12) with asthma.
(ImmunoCAP 250)

This test performed by Douglass Hanly Moir Pathology, a member of the Sonic Healthcare Group.
Elevated ECP levels result from activation of eosinophils in allergic or eosinophilic syndromes. Medicare rebate is only available for ECP measurements in children (<12) with asthma.

SS

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum), Creatinine, Glucose, Phosphate, Urea,
Iron Studies, CPK, CRP, Zinc, Manganese, E/LFT,
.CU STUDIES 2, TSH, Vitamin A, Vitamin B12,
Folate (Serum), Vitamin B6, Vit C, DHEAS, Vitamin D,
Cortisol AM, Histamine, PTH, FBE, ESR, ECP, Tryptase,
Caeruloplasmin, CT, Strep Abs, Aspergillus Abs

Tests Pending :
Sample Pending :

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-72454423-IGE-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEЕ **Referred by:** DR DAVID JAAKWEЕ

Name of Test: IGE LEVELS
Requested: 13/02/2023 **Collected:** 13/02/2023 **Reported:** 14/02/2023 14:00

IMMUNOGLOBULIN

+ IgE (Immunoassay) 328 kIU/L (0-100)

Please Note: The units of this assay (kIU/L) are equivalent to IU/mL.

For enquiries, contact Dr Paul Campbell 07 3121 4444
Patients should contact their referring doctor in regard to this result.

Tests Completed: IGE LEVELS
Tests Pending : SPECIFIC IGE

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-72454423-CAP-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEЕ **Referred by:** DR DAVID JAAKWEЕ

Name of Test: SPECIFIC IGE
Requested: 13/02/2023 **Collected:** 13/02/2023 **Reported:** 14/02/2023 15:43

ALLERGIC DISEASE INVESTIGATION

+ Total IgE 328 kIU/L (0-100)

Allergen Specific IgE	Result kU/L	Class	Interpretation
Grass mix Bermuda (Couch), Timothy, Meadow (Johnson, Rye and Paspalum)	<0.35	0	Negative
Cat	0.04	0	Negative
Dog dander	0.09	0	Negative
House Dust Mite (D. pteronyssinus)	0.24	1	Borderline

PLEASE NOTE: Due to increasing constraints imposed by Medicare on in vitro allergy testing, the standard number of panels tested for RAST requests where no specific allergens have been requested has been reduced from four to three. Enquiries should be directed to the QML Immunology Department on 07 3121 4909.

All specific IgE results must be interpreted in clinical context.

Specific IgE is measured by the Phadia ImmunoCAP assay.

Due to Medicare restrictions, results of specific IgE testing for Milk will be available in approximately 2 weeks.

Testing for specific IgE using allergen mixes may provide lower sensitivity and specificity than testing using single allergens.

For enquiries, contact Dr Paul Campbell 07 3121 4444
Patients should contact their referring doctor in regard to this result.

Tests Completed: IGE LEVELS, SPECIFIC IGE
Tests Pending :

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-56430759-CAP-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEЕ **Referred by:** DR DAVID JAAKWEЕ

Name of Test: SPECIFIC IGE
Requested: 28/02/2023 **Collected:** 28/02/2023 **Reported:** 07/03/2023 14:04

ALLERGIC DISEASE INVESTIGATION

Allergen Specific IgE	Result kU/L	Class	Interpretation
Milk	0.13	1	Borderline

PLEASE NOTE: Due to increasing constraints imposed by Medicare on in vitro allergy testing, the standard number of panels tested for RAST requests where no specific allergens have been requested has been reduced from four to three. Enquiries should be directed to the QML Immunology Department on 07 3121 4909.

All specific IgE results must be interpreted in clinical context.

Specific IgE is measured by the Phadia ImmunoCAP assay.

Testing for specific IgE using allergen mixes may provide lower sensitivity and specificity than testing using single allergens.

For enquiries, contact Dr Paul Campbell 07 3121 4444
Patients should contact their referring doctor in regard to this result.

Tests Completed:SPECIFIC IGE
Tests Pending :IGE LEVELS

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-56430759-IGE-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEE Referred by: DR DAVID JAAKWEE

Name of Test: IGE LEVELS
Requested: 28/02/2023 Collected: 28/02/2023 Reported: 07/03/2023 16:13

IMMUNOGLOBULIN

+ IgE (Immunoassay) 359 kIU/L (0-100)

Please Note: The units of this assay (kIU/L) are equivalent to IU/mL.

For enquiries, contact Dr Paul Campbell 07 3121 4444
Patients should contact their referring doctor in regard to this result.

Tests Completed:IGE LEVELS, SPECIFIC IGE
Tests Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 671326576-C-C140
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-ROUTINE CHEMISTRY
Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 05:11

Chemistry (serum)

				Latest Results	
Date	02-Jun-22	01-Sep-22	21-Dec-22	13-Mar-23	
Time F-Fast	0800 F	1539	0858 F	1624	
Lab Id.	664959877	667963762	670438519	671326576	Reference Units
Sodium		139	140	(135-145)	mmol/L
Potassium		4.5	4.2	(3.5-5.5)	mmol/L
Chloride		105	105	(95-110)	mmol/L
Bicarbonate		26	25	(20-32)	mmol/L
Anion Gap		8	10	(<16)	mmol/L
Calcium (Corr.)		2.28	2.23	(2.10-2.60)	mmol/L
Phosphate		1.39	1.23	(0.80-1.50)	mmol/L
Urea		5.7	6.4	(3.0-8.0)	mmol/L
Urate		0.248	0.333	(0.200-0.500)	mmol/L

Creatinine	85	101	(60-110)	umol/L
eGFR	>90	81	(>59)	
Fast. Glucose		4.6	(3.6-6.0)	mmol/L
Random Glucose	4.9		(3.6-7.7)	mmol/L
Total Protein	72	78	(66-83)	g/L
Albumin	44	46	(35-48)	g/L
Globulin	28	32	(23-43)	g/L
T Bilirubin	11	13	(<21)	umol/L
ALP	50	54	(35-110)	U/L
AST	17	20	(10-40)	U/L
ALT	19	26	(5-40)	U/L
GGT	16	26	(5-50)	U/L
LDH	158	207	(120-250)	U/L
Cholesterol	5.5	5.4	6.0 H	(<5.6) mmol/L
Triglyceride	0.7			(<2.1) mmol/L
Creatine Kinase		192		(45-250) U/L
Magnesium			0.78	(0.70-1.10) mmol/L
Haemolysis Index	6	2	5	(<40) mg/dL

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Magnesium ,Homocysteine,DHEAS,Cortisol,Caeruloplasmin

Tests Pending : Copper (Serum),Zinc,Selenium,Manganese,.CU STUDIES 2,
B-Porphyrin,CT

Sample Pending :

WRAY, DANIEL

230 TREES ROAD, TALLEBUDGERA. 4228

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004

Your Reference: Lab Reference: 671326576-E-E310

Laboratory: SNP

Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE

Copy to:

ATTN: QLD CANCER REGISTRY

Name of Test: S-HOMOCYSTEINE

Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 05:11

Homocysteine

Homocysteine 11.5 (<15) umol/L

Comments on Collection 671326576

Serum homocysteine levels are markedly elevated (50 - 500 umol/L) in homocystinuria which is associated with childhood onset of ocular lens displacement, skeletal abnormalities and arterial and venous thromboses. Moderate elevations of serum homocysteine (16 - 100 umol/L) are seen in folic acid, vitamin B12 and pyridoxine deficiencies, several genetic defects, and renal failure. Elevated levels of serum homocysteine are associated with increased risk of atherosclerosis and venous thromboembolism.

EA

PDF Image Enhanced Report

A PDF version of this report with images is available until 13-03-2024. Copy and paste the URL below into your web browser and use PIN 9588 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=4C5D6E47-A00E-4AC9-8EB2-794FC68CE57E&hostCode=SNP&shareType=1>

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Magnesium ,Homocysteine,DHEAS,Cortisol,Caeruloplasmin

Tests Pending : Copper (Serum),Zinc,Selenium,Manganese,.CU STUDIES 2,
B-Porphyrin,CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA.4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 671326576-E-E345
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-DHEAS
Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 05:11

	Latest Results			
Date	21-Dec-22	13-Mar-23		
Time F-Fast	0858 F	1624		
Lab Id.	670438519	671326576	Reference	Units
DHEAS	11.8 H	11.7 H	(2.4-11.6)	umol/L

Comments on Collection 13-Mar-23 1624:
DHEAS is performed by Abbott CMIA.
DHEAS result checked by repeat assay.

JH

Sullivan Nicolaidides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Magnesium ,Homocysteine,DHEAS,Cortisol,Caeruloplasmin
Tests Pending : Copper (Serum),Zinc,Selenium,Manganese,.CU STUDIES 2,
B-Porphyrin,CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA.4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 671326576-E-E557
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S- CORTISOL
Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 05:11

Cortisol

	Latest Results			
Date	21-Dec-22	13-Mar-23		
Time F-Fast	0858 F	1624		
Lab Id.	670438519	671326576	Reference	Units
Cortisol		238	(80-535)	nmol/L
Cortisol am	317		(100-535)	nmol/L

Comments on Collection 13-Mar-23 1624:
a.m. 100 - 535
p.m. 80 - 480

Cortisol performed by Abbott immunoassay.

EA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Magnesium ,Homocysteine,DHEAS,Cortisol,Caeruloplasmin
Tests Pending : Copper (Serum),Zinc,Selenium,Manganese,.CU STUDIES 2,
B-Porphyrin,CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 671326576-I-I307
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: S-CAERULOPLASMIN
Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 05:11

	Latest Results			
Date	21-Dec-22	13-Mar-23		
Time F-Fast	0858 F	1624		
Lab Id.	670438519	671326576	Reference	Units
Caeruloplasmin	0.24	0.21	(0.20-0.45)	g/L

IA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Magnesium ,Homocysteine,DHEAS,Cortisol,Caeruloplasmin
Tests Pending : Copper (Serum),Zinc,Selenium,Manganese,.CU STUDIES 2,
B-Porphyrin,CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 671326576-C-B091
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: COPPER VIRTUAL
Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 14:10

Copper

	Latest Results			
Date	21-Dec-22	13-Mar-23		
Time F-Fast	0858 F	1624		
Lab Id.	670438519	671326576	Reference	Units
Copper-serum	15.0	13.3	(11.0-22.0)	umol/L
Copper-plasma	17.0		(11.0-22.0)	umol/L

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum),Magnesium ,.CU STUDIES 2,
Homocysteine,DHEAS,Cortisol,Caeruloplasmin
Tests Pending : Zinc,Selenium,Manganese,B-Porphyrin,CT

Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 671326576-C-C787
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: .CU STUDIES 2
Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 14:10

	Latest Results			
Date	21-Dec-22	13-Mar-23		
Time F-Fast	0858 F	1624		
Lab Id.	670438519	671326576	Reference	Units
Copper-serum	15.0	13.3	(11.0-22.0)	umol/L
Caeruloplasmin	0.24	0.21	(0.20-0.45)	g/L
Caeruloplasmin	1.8	1.6	(1.5-3.4)	umol/L
Cu/Caeruloplasmin	8.3	8.3	(7-10)	mol/mol

Comments on Collection 13-Mar-23 1624:
.Cu Studies 2
A normal serum copper to caeruloplasmin ratio makes Wilsons disease unlikely.

MD

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum), Magnesium, .CU STUDIES 2,
Homocysteine, DHEAS, Cortisol, Caeruloplasmin
Tests Pending : Zinc, Selenium, Manganese, B-Porphyrin, CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 671326576-C-B099
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE Referred by: DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: _ZINC VIRTUAL
Requested: 13/03/2023 Collected: 13/03/2023 Reported: 14/03/2023 16:10

	Latest Results			
Date	17-Nov-21	21-Dec-22	13-Mar-23	
Time F-Fast	0849 F	0858 F	1624	
Lab Id.	662700783	670438519	671326576	Reference Units
Zinc-plasma	11.5	12.9	14.0	(9.0-19.0) umol/L

CA

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum), Magnesium, Zinc, Selenium, Manganese,
.CU STUDIES 2, Homocysteine, DHEAS, Cortisol, Caeruloplasmin

Tests Pending : B-Porphyrin,CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 671326576-C-B096
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: _SELENIUM VIRTUAL
Requested: 13/03/2023 **Collected:** 13/03/2023 **Reported:** 14/03/2023 16:10

Selenium

Selenium-plasma 1.4 (0.7 - 1.4) umol/L
Comments on Lab Id: 671326576

HX

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum),Magnesium ,Zinc,Selenium,Manganese,
.CU STUDIES 2,Homocysteine,DHEAS,Cortisol,Caeruloplasmin
Tests Pending : B-Porphyrin,CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 671326576-C-B093
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: _MANGANESE VIRTUAL
Requested: 13/03/2023 **Collected:** 13/03/2023 **Reported:** 14/03/2023 16:10

Manganese

	Latest Results		
Date	21-Dec-22	13-Mar-23	
Time F-Fast	0858 F	1624	
Lab Id.	670438519	671326576	Reference Units
Manganese-plasma	9 L	7 L	(10-45) nmol/L

HX

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: Copper (Serum),Magnesium ,Zinc,Selenium,Manganese,
.CU STUDIES 2,Homocysteine,DHEAS,Cortisol,Caeruloplasmin
Tests Pending : B-Porphyrin,CT
Sample Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 4368924004
Your Reference: **Lab Reference:** 671326954-E-E255
Laboratory: SNP
Addressee: DR DAVID W JAA-KWEE **Referred by:** DR DAVID W JAA-KWEE
Copy to:
ATTN: QLD CANCER REGISTRY

Name of Test: PORPHYRIN (BLOOD)
Requested: 27/03/2023 **Collected:** 27/03/2023 **Reported:** 28/03/2023 12:10

Clinical notes: recollection

Clinical Notes : recollection

Total Blood Porphyrins

Total Blood Porphyrins 0.9 (<1.8) umol/L

AC

Sullivan Nicolaides Pty Ltd. ABN 38 078 202 196. NATA/RCPA Accreditation No 1964

Tests Completed: B-Porphyrin
Tests Pending :
Sample Pending :

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-27474987-CU-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEE **Referred by:** DR DAVID JAAKWEE

Name of Test: COPPER, SERUM
Requested: 31/03/2023 **Collected:** 26/04/2023 **Reported:** 26/04/2023 17:00

Serum Copper 13 umol/L (10-30)

Tests Completed: SE COPPER
Tests Pending : SE CAERULOPLASMIN, SE CORTISOL, SE ZINC, SE HOMOCYSTEINE, DHEAS

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-27474987-HOM-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEE **Referred by:** DR DAVID JAAKWEE

Name of Test: HOMOCYSTEINE, SERUM
Requested: 31/03/2023 **Collected:** 26/04/2023 **Reported:** 26/04/2023 17:02

CUMULATIVE SERUM HOMOCYSTEINE
Date 26/04/23
Time 08:44
Lab No 27474987

Homocysteine 12.7 umol/L (0.0-15.0)

27474987 High normal value.
With this level, the heterozygous state for defects of
transsulphuration (homocysteinaemia) is unlikely. However the
risk of coronary artery disease may be mildly elevated over the
baseline. This is independent of other risk factors.

Homocysteine Related Risk	
Plasma level (umol/L)	Risk Average
Below 9.0	No increase
9.0 - 14.9	x 2
15.0 - 19.9	x 3
20.0 or greater	x 4.5

Tests Completed:SE COPPER, SE HOMOCYSTEINE
Tests Pending :SE CAERULOPLASMIN, SE CORTISOL, SE ZINC, DHEAS

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA.4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-27474987-DHE-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEЕ **Referred by:** DR DAVID JAAKWEЕ

Name of Test: DHE-S
Requested: 31/03/2023 **Collected:** 26/04/2023 **Reported:** 26/04/2023 17:04

CUMULATIVE DEHYDROEPIANDROSTERONE-SULPHATE

Date	26/04/23
Time	08:44
Lab No	27474987
DHEAS	9.6 umol/L (2.2-15.5)
DHEAS	3600 ng/mL (800-5700)

Tests Completed:SE COPPER, SE HOMOCYSTEINE, DHEAS
Tests Pending :SE CAERULOPLASMIN, SE CORTISOL, SE ZINC

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA.4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-27474987-CAE-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEЕ **Referred by:** DR DAVID JAAKWEЕ

Name of Test: CAERULOPLASMIN, SERUM

Requested: 31/03/2023 **Collected:** 26/04/2023 **Reported:** 26/04/2023 20:27

Serum Caeruloplasmin	0.17	g/L	(0.15-0.35)
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As caeruloplasmin is an acute phase reactant and rises in the presence of infection, inflammation, oestrogen therapy or pregnancy, levels in the low normal range may not absolutely exclude Wilson disease.

Tests Completed:SE COPPER, SE CAERULOPLASMIN, SE CORTISOL, SE HOMOCYSTEINE, DHEAS
Tests Pending :SE ZINC

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-27474987-COR-0

Laboratory: 2184
Addressee: DR DAVID JAAKWEE **Referred by:** DR DAVID JAAKWEE

Name of Test: ADRENAL MASTER
Requested: 31/03/2023 **Collected:** 26/04/2023 **Reported:** 26/04/2023 20:03

ADRENAL STUDIES

Serum Cortisol 280 nmol/L (220 - 660)
Collection time: 8:44 am

Tests Completed:SE COPPER, SE CORTISOL, SE HOMOCYSTEINE, DHEAS
Tests Pending :SE CAERULOPLASMIN, SE ZINC

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-27474987-ZN-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEE **Referred by:** DR DAVID JAAKWEE

Name of Test: ZINC,SERUM
Requested: 31/03/2023 **Collected:** 26/04/2023 **Reported:** 28/04/2023 23:32

Serum Zinc 13 umol/L (10-25)

Tests Completed:SE COPPER, SE CAERULOPLASMIN, SE CORTISOL, SE ZINC, SE HOMOCYSTEINE
Tests Completed:DHEAS
Tests Pending :

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-72717557-ZN-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEE **Referred by:** DR DAVID JAAKWEE

Name of Test: ZINC,SERUM
Requested: 28/04/2023 **Collected:** 27/05/2023 **Reported:** 27/05/2023 19:50

Serum Zinc 14 umol/L (10-25)

Tests Completed:SE ZINC
Tests Pending :SE CORTISOL, SE HOMOCYSTEINE, DHEAS, SE COPPER, SE CAERULOPLASMIN

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-72717557-CU-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEE **Referred by:** DR DAVID JAAKWEE

Name of Test: COPPER,SERUM
Requested: 28/04/2023 **Collected:** 27/05/2023 **Reported:** 27/05/2023 19:57

Serum Copper

12 umol/L

(10-30)

Tests Completed:SE ZINC, SE COPPER

Tests Pending :SE CORTISOL, SE HOMOCYSTEINE, DHEAS, SE CAERULOPLASMIN

WRAY, DANIEL NEVILLE

230 TREES RD, TALLEBUDGERA. 4228

Phone: 04 00155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041

Your Reference: Lab Reference: 23-72717557-HOM-0

Laboratory: 2184

Addressee: DR DAVID JAAKWEЕ Referred by: DR DAVID JAAKWEЕ

Name of Test: HOMOCYSTEINE,SERUM

Requested: 28/04/2023 Collected: 27/05/2023 Reported: 27/05/2023 19:58

CUMULATIVE SERUM HOMOCYSTEINE

Date	26/04/23	27/05/23
Time	08:44	08:57
Lab No	27474987	72717557

Homocysteine 12.7 + 16.9 umol/L (0.0-15.0)

72717557

** Progress report.

Homocysteine Related Risk

Plasma level (umol/L)	Risk Average
Below 9.0	No increase
9.0 - 14.9	x 2
15.0 - 19.9	x 3
20.0 or greater	x 4.5

Risks approximated from New Eng J Med 1997 (337:230-236)

Tests Completed:SE ZINC, SE HOMOCYSTEINE, SE COPPER

Tests Pending :SE CORTISOL, DHEAS, SE CAERULOPLASMIN

WRAY, DANIEL NEVILLE

230 TREES RD, TALLEBUDGERA. 4228

Phone: 04 00155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041

Your Reference: Lab Reference: 23-72717557-DHE-0

Laboratory: 2184

Addressee: DR DAVID JAAKWEЕ Referred by: DR DAVID JAAKWEЕ

Name of Test: DHE-S

Requested: 28/04/2023 Collected: 27/05/2023 Reported: 27/05/2023 20:00

CUMULATIVE DEHYDROEPIANDROSTERONE-SULPHATE

Date	26/04/23	27/05/23
Time	08:44	08:57
Lab No	27474987	72717557

DHEAS 9.6 11.1 umol/L (2.2-15.5)

DHEAS 3600 4100 ng/mL (800-5700)

Tests Completed:SE ZINC, SE HOMOCYSTEINE, DHEAS, SE COPPER

Tests Pending :SE CORTISOL, SE CAERULOPLASMIN

WRAY, DANIEL NEVILLE

230 TREES RD, TALLEBUDGERA. 4228

Phone: 04 00155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-72717557-COR-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEЕ Referred by: DR DAVID JAAKWEЕ

Name of Test: ADRENAL MASTER
Requested: 28/04/2023 Collected: 27/05/2023 Reported: 27/05/2023 20:32

ADRENAL STUDIES

Serum Cortisol 360 nmol/L (220 - 660)
Collection time: 8:57 am

Tests Completed: SE CORTISOL, SE ZINC, SE HOMOCYSTEINE, DHEAS, SE COPPER
Tests Pending : SE CAERULOPLASMIN

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-72717557-CAE-0
Laboratory: 2184
Addressee: DR DAVID JAAKWEЕ Referred by: DR DAVID JAAKWEЕ

Name of Test: CAERULOPLASMIN, SERUM
Requested: 28/04/2023 Collected: 27/05/2023 Reported: 27/05/2023 22:13

Serum Caeruloplasmin 0.18 g/L (0.15-0.35)

As caeruloplasmin is an acute phase reactant and rises in the presence of infection, inflammation, oestrogen therapy or pregnancy, levels in the low normal range may not absolutely exclude Wilson disease.

Tests Completed: SE CORTISOL, SE ZINC, SE HOMOCYSTEINE, DHEAS, SE COPPER
Tests Completed: SE CAERULOPLASMIN
Tests Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 4368924004
Your Reference: Lab Reference: 23-10805006-GPP-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON Referred by: Dr PAUL PAYTON

Name of Test: Faecal Bacterial Pcr
Requested: 06/07/2023 Collected: 07/07/2023 Reported: 08/07/2023 20:09

Clinical Notes: history dysbiosis ? parasite
Pathologist: Dr A. Jaksic

Gastrointestinal Pathogens PCR (Stool)

Coll Date: 07/07/23
Coll Time: 14:29
Lab Number: 10805006

Specimen Type Faeces

Campylobacter spp Negative
C.difficile B tox Negative
Salmonella spp Negative
EIEC/Shigella spp Negative
Vibrio spp Negative
Y.enterocolitica Negative
Aeromonas spp Negative
G.lamblia Negative
E.histolytica Negative
Cryptosporidium Negative
B.hominis Negative
D.fragilis Negative
Cyclospora spp Negative

Tests to follow: All Tests now completed

WRAY, DANIEL NEVILLE
230 TREES RD, TALLEBUDGERA. 4228
Phone: 04 00155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-73355203-MTH-0
Laboratory: 2184
Addressee: DR PAUL PAYTON **Referred by:** DR PAUL PAYTON

Name of Test: MTHFR GENOTYPE ANALYSIS
Requested: 26/07/2023 **Collected:** 26/07/2023 **Reported:** 04/08/2023 14:16

MTHFR GENOTYPE ANALYSIS

SPECIMEN: Peripheral blood
REASON FOR REFERRAL: High homocysteine

RESULTS:
C677T mutation: NOT Detected
A1298C mutation: NOT Detected

This patient does NOT carry either of the MTHFR C677T or A1298C polymorphisms.

METHOD:

The methylenetetrahydrofolate reductase gene (MTHFR, Ref. Sequence: NM_005957.4) was screened for the presence of C677T (also known as c.677C>T/c.665C>T) and A1298C (also known as c.1298A>C/c.1286A>C) mutations using real-time PCR analysis (Hanson et al. Clin Chem. 2001;661-666).

Note : Changes to MBS on 01/05/00 require a proven history of thromboembolism in the patient or a proven mutation in a first degree relative for the above test/s to be refundable by Medicare. As no relevant history was supplied/exists, the patient will be billed for these tests. Please contact Patient Accounts on 1800 350 046 or Genetics Dept on 07 3121 4466 to arrange appropriate billing if patient has a positive history.

For enquiries consult Dr Peter Davidson or Dr Kym Mina.

Tests Completed:MTHFR GENOTYPE
Tests Pending :

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HRM-0
Laboratory: 4Cyte Pathology

Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA

Copy to:
Dr PAUL PAYTON

Name of Test: Hormones

Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:05

Clinical Notes: nil

Pathologist: A/Prof P. Stewart

Hormones (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Cortisol 322 (95-619) nmol/L

Specific Cortisol Ranges: 7-9AM(145 to 619); 3-5PM(95 to 262).
Caution should be used when interpreting results from patient collections outside of these hours due to diurnal variation.

Tests to follow: RAST,HOR,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TEM+++

WRAY, DANIEL

230 TREES ROAD, TALLEBUDGERA. 4228

Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041

Your Reference: **Lab Reference:** 23-11054976-VBM-0

Laboratory: 4Cyte Pathology

Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA

Copy to:
Dr PAUL PAYTON

Name of Test: B12/folate Master

Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:11

Clinical Notes: nil

Pathologist: Dr C. Harris

B12/Folate (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Vitamin B12 340 (156-670) pmol/L
Serum Folate 33.3 (> 12.0) nmol/L

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL

230 TREES ROAD, TALLEBUDGERA. 4228

Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041

Your Reference: **Lab Reference:** 23-11054976-CRP-0

Laboratory: 4Cyte Pathology

Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA

Copy to:
Dr PAUL PAYTON

Name of Test: C-reactive Protein
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:11

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

C-Reactive Protein (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

C-Reactive Prot. < 0.5 (< 5.0) mg/L

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-GLM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Glucose
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:11

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Glucose (Serum/Plasma)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Glucose Fasting 5.4 (3.0-5.4) mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-RCM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Biochemistry, Serum
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:17

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Sodium	139	(135-145)	mmol/L
Potassium	4.2	(3.5-5.5)	mmol/L
Chloride	105	(95-110)	mmol/L
Bicarbonate	27	(22-32)	mmol/L
Anion Gap	11	(8-19)	mmol/L
Urea	6.4	(3.2-8.2)	mmol/L
Creatinine	104	(60-110)	umol/L
eGFR	78	(> 59)	
Urate	0.37	(0.20-0.45)	mmol/L
Total Protein	70	(60-80)	g/L
Globulin	27	(23-39)	g/L
Albumin	43	(34-50)	g/L
Bilirubin Total	13	(< 21)	umol/L
Alk. Phosphatase	53	(30-110)	U/L
Gamma GT	15	(< 51)	U/L
ALT	31	(< 40)	U/L
AST	21	(< 35)	U/L
LD	168	(120-250)	U/L
Calcium	2.34	(2.10-2.60)	mmol/L
Adj. Calcium	2.28	(2.10-2.60)	mmol/L
Phosphate	1.09	(0.75-1.50)	mmol/L
Status	Fasting		
Cholesterol	6.0 H	(< 5.6)	mmol/L
Triglyceride	0.7	(< 2.1)	mmol/L

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-FEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Iron Studies
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 05:17

Clinical Notes: nil
Pathologist: Dr C. Harris

Iron Studies (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Ferritin	110	(30-300)	ug/L
Iron	13	(11-30)	umol/L
Transferrin	2.3	(2.0-3.6)	g/L
Transferrin Sat.	22	(20-50)	%

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HPM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Full Blood Count
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:18

Clinical Notes: nil
Pathologist: Dr C. Harris

Full Blood Count (Whole Blood)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

HAEMOGLOBIN	138	(130-180)	g/L
RBC	4.5	(4.5-6.5)	10 ¹² /L
HCT	0.42	(0.38-0.52)	
MCV	93.4	(80.0-100.0)	fL
MCH	31	(26-32)	pg
MCHC	328	(300-360)	g/L
RDW	13.5	(< 15.1)	%
WCC	4.7	(4.0-11.0)	10 ⁹ /L
Neutrophils	2.9	(2.0-8.0)	10 ⁹ /L
Lymphocytes	1.4	(1.0-4.0)	10 ⁹ /L
Monocytes	0.3	(0.2-1.0)	10 ⁹ /L
Eosinophils	0.1	(< 0.8)	10 ⁹ /L
Basophils	0.0	(< 0.2)	10 ⁹ /L
PLATELETS	258	(150-400)	10 ⁹ /L
MPV	8.4	(6.5-11.0)	fL

FBC parameters normal.

Tests to follow: RAST, HST, VD/PTH, ANA, PPTINS, ASOT, ESR, HCY, STE, TRACE, TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HOR-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Hormones
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:26

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Reproductive Hormones (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

DHEAS 9.7 (1.0-15.0) umol/L

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA.4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-THM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Thyroid
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 05:26

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Thyroid (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

TSH 0.74 (0.50-4.00) mIU/L

Euthyroid.

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA.4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-MBM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitd/pth
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 05:45

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Vitamin D and Metabolic Bone Markers (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

25-OH Vit D 82 (50-200) nmol/L
PTH 3.2 (1.9-9.0) pmol/L

Tests to follow: RAST,HST,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRYP,VAM+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-ASO-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
 Dr PAUL PAYTON

Name of Test: Antistreptolysin O
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 09:54

Clinical Notes: nil
Pathologist: Dr A. Jaksic

Streptococcal Serology (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

ASOT 124 (< 201) IU/mL

No evidence of recent Streptococcal infection. If early disease is suspected (less than two weeks) consider sending a further sample in 10-14 days to exclude a rise in ASOT.

Tests to follow: RAST,HST,ANA,PPTINS,ESR,HCY,STE,TRACE,TRYP,VA/VE,VC*+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-STE-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
 Dr PAUL PAYTON

Name of Test: Serum Trace Elements
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 10:21

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Zinc 9.5 L (10.7-18.3) umol/L
Copper 12.1 (11.0-22.8) umol/L
Caeruloplasmin 0.20 (0.15-0.30) g/L

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: RAST,HST,ANA,PPTINS,ESR,HCY,TRACE,TRYP,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-ESR-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Esr
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 11/08/2023 10:34

Clinical Notes: nil
Pathologist: Dr C. Harris

Erythrocyte Sedimentation Rate (Whole Blood)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Tests to follow: RAST,HST,ANA,PPTINS,HCY,TRACE,TRYP,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-TEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Trace Elements
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 11/08/2023 13:47

Clinical Notes: nil

Trace Elements

Blood Manganese 104 (86-330) nmol/L

Test performed by NSW Health Pathology. NATA/RCPA Accreditation Number: 1981.

Tests to follow: RAST,HST,ANA,PPTINS,HCY,TRYP,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-PM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Precipitins Master
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 11/08/2023 18:46

Clinical Notes: nil

IgG Specific Allergens Precipitins (Serum)

A.fumigatus IgG 19 (< 50) mgA/L

Correlation with clinical history, total IgE, skin prick test/specific IgE to Aspergillus and imaging is recommended. Local and published data indicate that occasional patients with significant Aspergillus related disease may have levels of IgG <50 mgA/L. Aspergillus IgG >90 mgA/L is supportive of more serious disease.

Test Performed at Pathology North - Hunter, John Hunter Hospital.
NATA/RCPA Accreditation Number: 3561.

Tests to follow: RAST, HST, ANA, HCY, TRYP, VA/VE, VC, VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-ALL-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Allergy Testing
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 12/08/2023 15:46

Clinical Notes: nil

Pathologist: Prof D. Fulcher

Allergen Specific IgE (Serum)

	kUA/L	Class (0-V)	Level
Asp. fumigatus	0.02	0	Negative

Tests to follow: HST, ANA, HCY, VA/VE, VC, VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-TRY-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Tryptase
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 12/08/2023 15:46

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Tryptase (Serum)

Tryptase 4.1 (< 11.4) ug/L

Tests to follow: HST,ANA,HCY,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-NAM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Nuclear Antibodies
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 14/08/2023 09:18

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Nuclear Antibodies (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Anti-dsDNA 0.9 (N<10,P>15) IU/mL

Tests to follow: HST,HCY,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HCY-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Homocysteine (plasma)
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 15/08/2023 18:12

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Hypertension (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Homocysteine 9.8 (3.7-13.9) umol/L

Tests to follow: HST,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-VC-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitamin C
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 16/08/2023 16:36

Clinical Notes: nil

Vitamin C (Plasma/Serum)

Vitamin C 75 (40-100) umol/L

Values below 40 umol/L indicate low vitamin C status whilst values below 11 umol/L indicate significant vitamin C deficiency provided that the specimen has been handled according to specific collection instructions for this test.

Test Performed at Sydney Southwest Pathology Service. NATA/RCPA
Accreditation Number: 2146.

Tests to follow: HST,VA/VE,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-VAM-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitamin Master
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 17/08/2023 14:17

Clinical Notes: nil

Vitamin Screen (Plasma/Serum)

Vitamin A 1.99 (1.05-2.50) umol/L
Vitamin E 34 H (8-30) umol/L

Test Performed at Pathology North - Hunter, John Hunter Hospital.
NATA/RCPA Accreditation Number: 3561.

Tests to follow: HST,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-VB6-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitamin B6
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 17/08/2023 17:26

Clinical Notes: nil

Vitamin B6 (Whole Blood)

Vitamin B6 193 H (35-110) nmol/L

Vitamin B6 Level:
Reference Range: 35 - 110 nmol/L
For Information: Pyridoxal-5-phosphate is the active co-enzyme and its measurement has been found to be adequate for the assessment of Vitamin B6 Status.
Ref: 1. Chromsystems Product Insert 2015.

Test Performed at Sydney Southwest Pathology Service. NATA/RCPA Accreditation Number: 2146.

Tests to follow: HST

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HST-0
Laboratory: 4Cyte Pathology
Addressee: Dr PAUL PAYTON **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Histamine (whole Blood)
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 05/09/2023 16:02

Clinical Notes: nil

Histamine (Whole Blood)

Histamine 0.8 (0.2-1.8) umol/L

Reference range under review.
QML Pathology's NATA accreditation does not cover the performance of this test.

Test performed by QML Pathology. NATA/RCPA Accreditation Number: 2184.

Tests to follow: All Tests now completed

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HCY-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Homocysteine (plasma)
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 15/08/2023 18:12

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Hypertension (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Homocysteine 9.8 (3.7-13.9) umol/L

Tests to follow: HST,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HRM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Hormones
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:05

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Hormones (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Cortisol 322 (95-619) nmol/L

Specific Cortisol Ranges: 7-9AM(145 to 619); 3-5PM(95 to 262).
Caution should be used when interpreting results from patient collections outside of these hours due to diurnal variation.

Tests to follow: RAST,HOR,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TEM+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-VBM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: B12/folate Master
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:11

Clinical Notes: nil
Pathologist: Dr C. Harris

B12/Folate (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Vitamin B12	340	(156-670)	pmol/L
Serum Folate	33.3	(> 12.0)	nmol/L

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-CRP-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: C-reactive Protein
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:11

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

C-Reactive Protein (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

C-Reactive Prot.	< 0.5	(< 5.0)	mg/L
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Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547

Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-GLM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Glucose
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:11

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Glucose (Serum/Plasma)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Glucose Fasting 5.4 (3.0-5.4) mmol/L

Diabetes unlikely (no documented laboratory history of diabetes). Retest every 3 years if low risk.

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-RCM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Biochemistry, Serum
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:17

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Biochemistry (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Sodium	139	(135-145)	mmol/L
Potassium	4.2	(3.5-5.5)	mmol/L
Chloride	105	(95-110)	mmol/L
Bicarbonate	27	(22-32)	mmol/L
Anion Gap	11	(8-19)	mmol/L
Urea	6.4	(3.2-8.2)	mmol/L
Creatinine	104	(60-110)	umol/L
eGFR	78	(> 59)	
Urate	0.37	(0.20-0.45)	mmol/L
Total Protein	70	(60-80)	g/L
Globulin	27	(23-39)	g/L
Albumin	43	(34-50)	g/L
Bilirubin Total	13	(< 21)	umol/L
Alk. Phosphatase	53	(30-110)	U/L
Gamma GT	15	(< 51)	U/L

ALT	31	(< 40)	U/L
AST	21	(< 35)	U/L
LD	168	(120-250)	U/L
Calcium	2.34	(2.10-2.60)	mmol/L
Adj. Calcium	2.28	(2.10-2.60)	mmol/L
Phosphate	1.09	(0.75-1.50)	mmol/L
Status	Fasting		
Cholesterol	6.0 H	(< 5.6)	mmol/L
Triglyceride	0.7	(< 2.1)	mmol/L

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
 230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-FEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
 Dr PAUL PAYTON

Name of Test: Iron Studies
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:17

Clinical Notes: nil
Pathologist: Dr C. Harris

Iron Studies (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Ferritin	110	(30-300)	ug/L
Iron	13	(11-30)	umol/L
Transferrin	2.3	(2.0-3.6)	g/L
Transferrin Sat.	22	(20-50)	%

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
 230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HPM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
 Dr PAUL PAYTON

Name of Test: Full Blood Count
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 10/08/2023 05:18

Clinical Notes: nil
Pathologist: Dr C. Harris

Full Blood Count (Whole Blood)

Coll Date: 09/08/23

Coll Time: 09:10
Lab Number: 11054976

HAEMOGLOBIN	138	(130-180)	g/L
RBC	4.5	(4.5-6.5)	10 ¹² /L
HCT	0.42	(0.38-0.52)	
MCV	93.4	(80.0-100.0)	fL
MCH	31	(26-32)	pg
MCHC	328	(300-360)	g/L
RDW	13.5	(< 15.1)	%
WCC	4.7	(4.0-11.0)	10 ⁹ /L
Neutrophils	2.9	(2.0-8.0)	10 ⁹ /L
Lymphocytes	1.4	(1.0-4.0)	10 ⁹ /L
Monocytes	0.3	(0.2-1.0)	10 ⁹ /L
Eosinophils	0.1	(< 0.8)	10 ⁹ /L
Basophils	0.0	(< 0.2)	10 ⁹ /L
PLATELETS	258	(150-400)	10 ⁹ /L
MPV	8.4	(6.5-11.0)	fL

FBC parameters normal.

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-HOR-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Hormones
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 05:26

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Reproductive Hormones (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

DHEAS	9.7	(1.0-15.0)	umol/L
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Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-THM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Thyroid
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 05:26

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Thyroid (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

TSH 0.74 (0.50-4.00) mIU/L

Euthyroid.

Tests to follow: RAST,HST,VD/PTH,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRY+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-MBM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitd/pth
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 05:45

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Vitamin D and Metabolic Bone Markers (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

25-OH Vit D 82 (50-200) nmol/L
PTH 3.2 (1.9-9.0) pmol/L

Tests to follow: RAST,HST,ANA,PPTINS,ASOT,ESR,HCY,STE,TRACE,TRYP,VAM+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-ASO-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Antistreptolysin O
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 09:54

Clinical Notes: nil
Pathologist: Dr A. Jaksic

Streptococcal Serology (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

ASOT 124 (< 201) IU/mL

No evidence of recent Streptococcal infection. If early disease is suspected (less than two weeks) consider sending a further sample in 10-14 days to exclude a rise in ASOT.

Tests to follow: RAST,HST,ANA,PPTINS,ESR,HCY,STE,TRACE,TRYP,VA/VE,VC*+++

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-STE-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Serum Trace Elements
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 10/08/2023 10:21

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Zinc	9.5	L	(10.7-18.3)	umol/L
Copper	12.1		(11.0-22.8)	umol/L
Caeruloplasmin	0.20		(0.15-0.30)	g/L

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: RAST,HST,ANA,PPTINS,ESR,HCY,TRACE,TRYP,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-ESR-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Esr
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 11/08/2023 10:34

Clinical Notes: nil
Pathologist: Dr C. Harris

Erythrocyte Sedimentation Rate (Whole Blood)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Tests to follow: RAST,HST,ANA,PPTINS,HCY,TRACE,TRYP,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-TEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Trace Elements
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 11/08/2023 13:47

Clinical Notes: nil

Trace Elements

Blood Manganese 104 (86-330) nmol/L

Test performed by NSW Health Pathology. NATA/RCPA Accreditation Number: 1981.

Tests to follow: RAST,HST,ANA,PPTINS,HCY,TRYP,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11054976-PM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Precipitins Master
Requested: 03/08/2023 Collected: 09/08/2023 Reported: 11/08/2023 18:46

Clinical Notes: nil

IgG Specific Allergens Precipitins (Serum)

A.fumigatus IgG 19 (< 50) mgA/L

Correlation with clinical history, total IgE, skin prick test/specific IgE to Aspergillus and imaging is recommended. Local and published data indicate that occasional patients with significant Aspergillus related disease may have levels of IgG <50 mgA/L. Aspergillus IgG >90 mgA/L is supportive of more serious disease.

Test Performed at Pathology North - Hunter, John Hunter Hospital.
NATA/RCPA Accreditation Number: 3561.

Tests to follow: RAST,HST,ANA,HCY,TRYP,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-ALL-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Allergy Testing
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 12/08/2023 15:46

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Allergen Specific IgE (Serum)

	kUA/L	Class (0-V)	Level
Asp. fumigatus	0.02	0	Negative

Tests to follow: HST,ANA,HCY,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-TRY-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Tryptase
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 12/08/2023 15:46

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Tryptase (Serum)

Tryptase	4.1	(< 11.4)	ug/L
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Tests to follow: HST,ANA,HCY,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-NAM-0
Laboratory: 4Cyte Pathology

Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Nuclear Antibodies
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 14/08/2023 09:18

Clinical Notes: nil
Pathologist: Prof D. Fulcher

Nuclear Antibodies (Serum)

Coll Date: 09/08/23
Coll Time: 09:10
Lab Number: 11054976

Anti-dsDNA 0.9 (N<10,P>15) IU/mL

Tests to follow: HST,HCY,VA/VE,VC,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA.4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-VC-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitamin C
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 16/08/2023 16:36

Clinical Notes: nil

Vitamin C (Plasma/Serum)

Vitamin C 75 (40-100) umol/L

Values below 40 umol/L indicate low vitamin C status whilst values below 11 umol/L indicate significant vitamin C deficiency provided that the specimen has been handled according to specific collection instructions for this test.

Test Performed at Sydney Southwest Pathology Service. NATA/RCPA
Accreditation Number: 2146.

Tests to follow: HST,VA/VE,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA.4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-VAM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitamin Master
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 17/08/2023 14:17

Clinical Notes: nil

Vitamin Screen (Plasma/Serum)

Vitamin A 1.99 (1.05-2.50) umol/L
Vitamin E 34 H (8-30) umol/L

Test Performed at Pathology North - Hunter, John Hunter Hospital.
NATA/RCPA Accreditation Number: 3561.

Tests to follow: HST,VB6

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-VB6-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Vitamin B6
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 17/08/2023 17:26

Clinical Notes: nil

Vitamin B6 (Whole Blood)

Vitamin B6 193 H (35-110) nmol/L

Vitamin B6 Level:
Reference Range: 35 - 110 nmol/L
For Information: Pyridoxal-5-phosphate is the active co-enzyme and its measurement has been found to be adequate for the assessment of Vitamin B6 Status.
Ref: 1. Chromsystems Product Insert 2015.

Test Performed at Sydney Southwest Pathology Service. NATA/RCPA Accreditation Number: 2146.

Tests to follow: HST

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11054976-HST-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA
Copy to:
Dr PAUL PAYTON

Name of Test: Histamine (whole Blood)
Requested: 03/08/2023 **Collected:** 09/08/2023 **Reported:** 05/09/2023 16:02

Clinical Notes: nil

Histamine (Whole Blood)

Histamine 0.8 (0.2-1.8) umol/L

Reference range under review.

QML Pathology's NATA accreditation does not cover the performance of this test.

Test performed by QML Pathology. NATA/RCPA Accreditation Number: 2184.

Tests to follow: All Tests now completed

WRAY, DANIEL

230 TREES ROAD, TALLEBUDGERA. 4228

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041

Your Reference: Lab Reference: 23-11103674-MTH-0

Laboratory: 4Cyte Pathology

Addressee: Dr PAUL PAYTON Referred by: Dr PAUL PAYTON

Name of Test: Mthfr Gene Test

Requested: 16/08/2023 Collected: 16/08/2023 Reported: 05/09/2023 20:27

Clinical Notes: anxiety

MTHFR Gene Testing (Whole Blood)

MTHFR (C677T) Variant NOT identified

MTHFR (A1298C) Variant NOT identified

This assay detects two of the most common variants in the methylenetetrahydrofolate reductase (MTHFR) gene C677T (also referred to as c.665C>T or p.Ala222Val) and A1298C (also referred to as c.1286A>C or p.Glu429Ala). These sequence variations are commonly known as single nucleotide polymorphisms (SNPs).

Methods:

These two variants are targeted by real-time PCR amplification and probe specific fluorescent detection of alleles.

Test Performed at Pathology North - Hunter, John Hunter Hospital.

NATA/RCPA Accreditation Number: 3561.

Tests to follow: All Tests now completed

WRAY, DANIEL

230 TREES ROAD, TALLEBUDGERA. 4228

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041

Your Reference: Lab Reference: 23-11103674-VBM-0

Laboratory: 4Cyte Pathology

Addressee: Dr PAUL PAYTON Referred by: Dr PAUL PAYTON

Name of Test: B12/folate Master

Requested: 16/08/2023 Collected: 16/08/2023 Reported: 17/08/2023 11:53

Clinical Notes: anxiety
Pathologist: Dr C. Harris

B12/Folate (Serum)

Coll Date: 16/08/23 09/08/23
Coll Time: 10:55 09:10
Lab Number: 11103674 11054976

Vitamin B12	351	340	(156-670)	pmol/L
Serum Folate	29.3	33.3	(> 12.0)	nmol/L

Tests to follow: MTHFR

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11329901-STE-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA

Name of Test: Serum Trace Elements
Requested: 13/09/2023 Collected: 13/09/2023 Reported: 17/09/2023 08:56

Clinical Notes: nil
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date: 13/09/23 09/08/23
Coll Time: 14:45 09:10
Lab Number: 11329901 11054976

Zinc	13.3	9.5 L	(8.0-17.0)	umol/L
Copper	11.4 L	12.1	(11.8-22.8)	umol/L
Caeruloplasmin	0.20	0.20	(0.15-0.30)	g/L

Please note that the Zinc reference range has been adjusted as of 16/08/2023 after a review of normative data.

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: All Tests now completed

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041
Your Reference: Lab Reference: 23-11603549-TRY-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA

Name of Test: Tryptase
Requested: 19/10/2023 Collected: 19/10/2023 Reported: 23/10/2023 15:46

Clinical Notes:

Pathologist: Prof D. Fulcher

Tryptase (Serum)

Tryptase 4.2 (< 11.4) ug/L

Tests to follow: MIS

WRAY, DANIEL

230 TREES ROAD, TALLEBUDGERA. 4228

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041

Your Reference: Lab Reference: 23-11603549-MIS-0

Laboratory: 4Cyte Pathology

Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA

Name of Test: Miscellaneous Panel

Requested: 19/10/2023 Collected: 19/10/2023 Reported: 04/11/2023 15:30

Clinical Notes:

Eosinophilic Cationic Protein

Eosinophilic Cationic Protein 5.0 (0.0-13.3) ug/L

Test Performed at Sydney Southwest Pathology Service. NATA/RCPA
Accreditation Number: 2146.

Tests to follow: All Tests now completed

WRAY, DANIEL

230 TREES ROAD, TALLEBUDGERA. 4228

Phone: 0400155547

Birthdate: 01/07/1984 Sex: M Medicare Number: 43689240041

Your Reference: Lab Reference: 23-11661885-STE-0

Laboratory: 4Cyte Pathology

Addressee: Dr DAVID JAA Referred by: Dr DAVID JAA

Name of Test: Serum Trace Elements

Requested: 26/10/2023 Collected: 26/10/2023 Reported: 29/10/2023 09:14

Clinical Notes:

Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date:	09/08/23	13/09/23	26/10/23
Coll Time:	09:10	14:45	13:15
Lab Number:	11054976	11329901	11661885

Zinc	9.5	L	13.3	16.7	(8.0-17.0)	umol/L
Copper	12.1		11.4	L	10.0	(11.8-22.8) umol/L
Caeruloplasmin	0.20		0.20	0.22	(0.15-0.30)	g/L

Please note that the Zinc reference range has been adjusted as of
16/08/2023 after a review of normative data.

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: All Tests now completed

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11668045-STE-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA

Name of Test: Serum Trace Elements
Requested: 26/10/2023 **Collected:** 27/10/2023 **Reported:** 29/10/2023 09:15

Clinical Notes:
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date:	13/09/23	26/10/23	27/10/23		
Coll Time:	14:45	13:15	08:25		
Lab Number:	11329901	11661885	11668045		
Zinc	13.3	16.7	22.8	H	(8.0-17.0) umol/L
Copper	11.4 L	10.0 L	11.1 L		(11.8-22.8) umol/L
Caeruloplasmin	0.20	0.22	0.25		(0.15-0.30) g/L

Please note that the Zinc reference range has been adjusted as of 16/08/2023 after a review of normative data.

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: All Tests now completed

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11715419-FEM-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA

Name of Test: Iron Studies
Requested: 02/11/2023 **Collected:** 02/11/2023 **Reported:** 03/11/2023 20:28

Clinical Notes:
Pathologist: Dr C. Harris

Iron Studies (Serum)

Coll Date:	09/08/23	02/11/23		
Coll Time:	09:10	11:33		
Lab Number:	11054976	11715419		
Ferritin	110	108	(30-300)	ug/L
Iron	13	13	(11-30)	umol/L
Transferrin	2.3	2.6	(2.0-3.6)	g/L
Transferrin Sat.	22	20	(20-50)	%

Tests to follow: STE

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11715419-STE-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA

Name of Test: Serum Trace Elements
Requested: 02/11/2023 **Collected:** 02/11/2023 **Reported:** 04/11/2023 10:30

Clinical Notes:
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date: 26/10/23 27/10/23 **02/11/23**
Coll Time: 13:15 08:25 **11:33**
Lab Number: 11661885 11668045 **11715419**

Zinc	16.7		22.8	H	18.0	H	(8.0-17.0)	umol/L
Copper	10.0	L	11.1	L	10.9	L	(11.8-22.8)	umol/L
Caeruloplasmin	0.22		0.25		0.20		(0.15-0.30)	g/L

Please note that the Zinc reference range has been adjusted as of 16/08/2023 after a review of normative data.

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: All Tests now completed

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11747300-STE-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA

Name of Test: Serum Trace Elements
Requested: 06/11/2023 **Collected:** 07/11/2023 **Reported:** 08/11/2023 21:05

Clinical Notes:
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date: 27/10/23 02/11/23 **07/11/23**
Coll Time: 08:25 11:33 **07:33**
Lab Number: 11668045 11715419 **11747300**

Zinc	22.8	H	18.0	H	16.2		(8.0-17.0)	umol/L
Copper	11.1	L	10.9	L	9.8	L	(11.8-22.8)	umol/L
Caeruloplasmin	0.25		0.20		0.19		(0.15-0.30)	g/L

Please note that the Zinc reference range has been adjusted as of 16/08/2023 after a review of normative data.

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: All Tests now completed

WRAY, DANIEL
230 TREES ROAD, TALLEBUDGERA. 4228
Phone: 0400155547
Birthdate: 01/07/1984 **Sex:** M **Medicare Number:** 43689240041
Your Reference: **Lab Reference:** 23-11772966-STE-0
Laboratory: 4Cyte Pathology
Addressee: Dr DAVID JAA **Referred by:** Dr DAVID JAA

Name of Test: Serum Trace Elements
Requested: 06/11/2023 **Collected:** 10/11/2023 **Reported:** 12/11/2023 20:44

Clinical Notes:
Pathologist: A/Prof P. Stewart

Trace Elements (Serum)

Coll Date:	02/11/23	07/11/23	10/11/23		
Coll Time:	11:33	07:33	08:56		
Lab Number:	11715419	11747300	11772966		
Zinc	18.0	H 16.2	15.6	(8.0-17.0)	umol/L
Copper	10.9	L 9.8	L 10.8	(11.8-22.8)	umol/L
Caeruloplasmin	0.20	0.19	0.21	(0.15-0.30)	g/L

Please note that the Zinc reference range has been adjusted as of 16/08/2023 after a review of normative data.

Trace Elements are currently being assessed for NATA/RCPA endorsement.

Tests to follow: All Tests now completed