

Patient Investigations

Name: Mr Joel MASON
Address: 10 Moonlight Drive
Jubilee Pocket 4802
D.O.B.: 04/01/2010
Record No.:
Home Phone: 07 4946 4201
Work Phone:
Mobile Phone: 0419 671 920

Affinity Family Medical
Suite 20/230 Shute Harbour Rd
Cannonvale 4802
0748045680

Printed on 11th December 2024

Investigations:

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: **Lab Reference:** 655117911-D-D171
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER
Copy to:
TO MEDICAL OFFICER
DR WILLIAM SMITH

Name of Test: .CoronavirusPCR19_ES
Requested: 09/09/2020 **Collected:** 09/09/2020 **Reported:** 11/09/2020 12:31

Clinical Notes :

Coronavirus PCR - SARS-CoV-2

Site Swab
SARS-CoV-2 RNA Not Detected
Comments on Collection 655117911

Failure to detect virus specific nucleic acid does not always exclude SARS-CoV-2 and repeat testing including a sputum sample if available, may be indicated if clinical suspicion is high. This assay is designed to detect the E gene of SARS-CoV-2 the causative agent of COVID-19 using nucleic acid amplification. On occasions a second assay targeting the N gene is also utilised. For further enquiries regarding these results please contact Dr Jenny Robson, Dr Sarah Cherian or other clinical microbiologists (07) 33778534. Testing for SARS-CoV-2 is notifiable on request irrespective of test results.

Assay validation is being submitted to NATA for review. For further information please contact the laboratory. Testing is provided under the TGA/NPAAC exemptions for emergent and novel conditions.

MA

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

Tests Completed: .SARS-CoV-2_ES
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802

Phone: 0427692998
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: Lab Reference: 655117911-D-D171
Laboratory: SNP
Addressee: DR WILLIAM P SMITH Referred by: DR JANE DE KEYSER
Copy to:
TO MEDICAL OFFICER
DR WILLIAM SMITH

Name of Test: .CoronavirusPCR19_ES
Requested: 09/09/2020 Collected: 09/09/2020 Reported: 11/09/2020 12:31

Clinical Notes :

Coronavirus PCR - SARS-CoV-2

Site Swab
SARS-CoV-2 RNA Not Detected
Comments on Collection 655117911

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

Tests Completed: .SARS-CoV-2_ES
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: Lab Reference: 655117911-D-D171
Laboratory: SNP
Addressee: TO MEDICAL OFFICER Referred by: DR JANE DE KEYSER
Copy to:
TO MEDICAL OFFICER
DR WILLIAM SMITH

Name of Test: .CoronavirusPCR19_ES
Requested: 09/09/2020 Collected: 09/09/2020 Reported: 11/09/2020 12:31

Clinical Notes :

Coronavirus PCR - SARS-CoV-2

Site Swab
SARS-CoV-2 RNA Not Detected
Comments on Collection 655117911

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This assay is designed to detect the E gene of SARS-CoV-2 the causative agent of COVID-19 using nucleic acid amplification. On occasions a second assay targeting the N gene is also utilised. For further enquiries regarding these results please contact Dr Jenny Robson, Dr Sarah Cherian or other clinical microbiologists (07) 33778534. Testing for SARS-CoV-2 is notifiable on request irrespective of test results.

Assay validation is being submitted to NATA for review. For further information please contact the laboratory. Testing is provided under the TGA/NPAAC exemptions for emergent and novel conditions.

MA

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

Tests Completed: .SARS-CoV-2_ES
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 755753569 Lab Reference: 655117857-H-H900
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: .BLOOD COUNT
Requested: 09/09/2020 Collected: 11/09/2020 Reported: 12/09/2020 13:31

Clinical Notes : ? glandular fever

Haematology

Haemoglobin	132	g/L	(110 - 150)
Haematocrit	0.39		(0.36 - 0.46)
Red cell count	4.5	10 ¹² /L	(4.0 - 5.6)
MCV	86	fL	(77 - 95)
White cell count	7.0	10 ⁹ /L	(5.0 - 12.0)
Neutrophils	4.03	10 ⁹ /L	(1.5 - 7.5)
Lymphocytes	1.90	10 ⁹ /L	(1.0 - 6.5)
Monocytes	0.39	10 ⁹ /L	(0 - 1.5)
Eosinophils	H 0.68	10 ⁹ /L	(0 - 0.6)
Basophils	0.04	10 ⁹ /L	(0 - 0.20)
Platelets	374	10 ⁹ /L	(150 - 600)

Comments on Lab Id: 655117857

Blood film has been reviewed.

JC

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

Tests Completed: CRP,E/LFT,FBE,Film,CMV,EBV,Toxoplasma
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 755753569 Lab Reference: 655117857-C-C290
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S-C REACTIVE PROTEIN
Requested: 09/09/2020 Collected: 11/09/2020 Reported: 12/09/2020 05:33

Clinical Notes : ? glandular fever

C Reactive Protein

CRP H 27 mg/L (<5)
Comments on Lab Id: 655117857

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,Toxoplasma
Tests Pending : E/LFT,FBE,CMV,EBV
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 755753569 **Lab Reference:** 655117857-S-S242
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S-Toxoplasma Serol
Requested: 09/09/2020 **Collected:** 11/09/2020 **Reported:** 12/09/2020 05:33

Clinical Notes : ? glandular fever

Toxoplasma Serology

Toxoplasma IgG (CLIA) Negative
Toxoplasma IgM (CLIA) Negative
Comments on Collection 655117857

No antibodies to Toxoplasma detected.
This result may indicate:
1.No exposure to Toxoplasma.
2.Early infection with Toxoplasma. A recollection in 10-14 days is recommended.

SA

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

Tests Completed: CRP,Toxoplasma
Tests Pending : E/LFT,FBE,CMV,EBV
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 755753569 **Lab Reference:** 655117857-S-S047
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S- CMV Serology
Requested: 09/09/2020 **Collected:** 11/09/2020 **Reported:** 12/09/2020 11:31

Clinical Notes : ? glandular fever

Cytomegalovirus (CMV) Serology

CMV IgG (CLIA) Positive
CMV IgM (CLIA) Negative
Comments on Collection 655117857

Serological evidence of past exposure to CMV.

KT

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

Tests Completed: CRP,E/LFT,CMV,EBV,Toxoplasma
Tests Pending : FBE
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 755753569 Lab Reference: 655117857-C-C140
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S-ROUTINE CHEMISTRY
Requested: 09/09/2020 Collected: 11/09/2020 Reported: 12/09/2020 10:31

Clinical Notes : ? glandular fever

Sodium	141	mmol/L	(132 - 145)
Potassium	4.1	mmol/L	(3.5 - 5.5)
Chloride	103	mmol/L	(95 - 110)
Bicarbonate	27	mmol/L	(21 - 31)
Anion Gap	11	mmol/L	(<16)
Calcium (Corrected)	2.31	mmol/L	(2.20 - 2.65)
Phosphate	1.62	mmol/L	(1.00 - 1.90)
Urea	4.2	mmol/L	(2.5 - 6.5)
Uric Acid	0.193	mmol/L	(0.130 - 0.350)
Creatinine	40	umol/L	(40 - 65)
Random Glucose	5.3	mmol/L	(3.6 - 7.7)
Total Protein	77	g/L	(65 - 80)
Albumin	36	g/L	(35 - 47)
Globulin	H 41	g/L	(23 - 40)
Bilirubin	<5	umol/L	(<16)
Alk Phos	L 111	U/L	(120 - 350)
AST	20	U/L	(10 - 40)
ALT	11	U/L	(5 - 30)
Gamma GT	12	U/L	(5 - 20)
LDH	274	U/L	(120 - 300)
Cholesterol	H 5.0	mmol/L	(<4.6)
Haemolysis Index	6		(<40)

Comments on Lab Id: 655117857

Please note: eGFR cannot be calculated on patients less than 18 years old.

CA

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

Tests Completed: CRP,E/LFT,Toxoplasma
Tests Pending : FBE,CMV,EBV
Sample Pending :

To view added info click link or copy to web browser.

Hyperglobulinaemia Ix (Globulin High 1)

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0427692998
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 755753569 Lab Reference: 655117857-S-S070
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S-EPSTEIN-BARR
Requested: 09/09/2020 Collected: 11/09/2020 Reported: 12/09/2020 11:31

Clinical Notes : ? glandular fever

Epstein-Barr Virus (EBV) Serology

EBV VCA IgG (CLIA) Negative
EBV VCA IgM (CLIA) Negative
EBV NA IgG (CLIA) Negative
Comments on Collection 655117857

No antibodies to Epstein-Barr virus (EBV) detected.
This result may indicate:
1.No exposure to EBV. If this sample was collected 2 weeks or more following onset of symptoms infection with EBV can be excluded.
2.An acute phase sample. Antibodies to EBV are usually detectable within 1 - 2 weeks following onset of symptoms. If this specimen was collected shortly after onset please submit a further sample to test for a rise in antibody level.

KT

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

Tests Completed: CRP,E/LFT,CMV,EBV,Toxoplasma
Tests Pending : FBE
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 7D1725EA44 Lab Reference: 662165057-H-H900
Laboratory: SNP
Addressee: DR WILLIAM P SMITH Referred by: DR WILLIAM P SMITH

Name of Test: .BLOOD COUNT
Requested: 21/09/2021 Collected: 22/09/2021 Reported: 23/09/2021 07:31

Clinical notes: rhinosinusitis

Clinical Notes : rhinosinusitis

Haematology

Date	11/09/20	22/09/21		
Time	1332	1149		
Lab Id.	655117857	662165057	Units	Reference
Haemoglobin	132	124	g/L	(110-150)
Haematocrit	0.39	0.39		(0.36-0.46)
RCC	4.5	4.6	10*12/L	(4.0-5.6)
MCV	86	85	fL	(77-95)
WCC	7.0	7.9	10*9/L	(5.0-12.0)
Neutrophils	4.03	4.27	10*9/L	(1.5-7.5)
Lymphocytes	1.90	2.78	10*9/L	(1.0-6.5)
Monocytes	0.39	0.44	10*9/L	(0-1.5)

Eosinophils	0.68 H	0.40	10*9/L	(0-0.6)
Basophils	0.04	0.04	10*9/L	(0-0.20)
Platelets	374	420	10*9/L	(150-600)

HA

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

Tests Completed: TSH,FBE

Tests Pending : Creatinine,R-U-Alb/Creat,E/LFT,RAST

Sample Pending :

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 7D1725EA44 **Lab Reference:** 662165057-E-E030
Laboratory: SNP
Addressee: DR WILLIAM P SMITH **Referred by:** DR WILLIAM P SMITH

Name of Test: S- THYROID FUNCTION

Requested: 21/09/2021 **Collected:** 22/09/2021 **Reported:** 23/09/2021 05:31

Clinical notes: rhinosinusitis

Clinical Notes : rhinosinusitis

Thyroid Function Tests

TSH 1.1 mIU/L (0.3 - 5.3)

Comments on Collection 662165057

Euthyroid

EA

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

Tests Completed: TSH

Tests Pending : Creatinine,R-U-Alb/Creat,E/LFT,FBE,RAST

Sample Pending :

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 7D1725EA44 **Lab Reference:** 662165057-C-C140
Laboratory: SNP
Addressee: DR WILLIAM P SMITH **Referred by:** DR WILLIAM P SMITH

Name of Test: S- ROUTINE CHEMISTRY

Requested: 21/09/2021 **Collected:** 22/09/2021 **Reported:** 23/09/2021 11:31

Clinical notes: rhinosinusitis

Clinical Notes : rhinosinusitis

Chemistry (serum)

Date	11/09/20	22/09/21		
Time	1332	1149		
Lab Id.	655117857	662165057	Units	Reference
Sodium	141	139	mmol/L	(132-145)
Potassium	4.1	4.1	mmol/L	(3.5-5.5)
Chloride	103	105	mmol/L	(95-110)
Bicarbonate	27	27	mmol/L	(21-31)
Anion Gap	11	7	mmol/L	(<16)

Calcium (Corr.)	2.31	2.39	mmol/L	(2.20-2.65)
Phosphate	1.62	1.47	mmol/L	(1.00-1.90)
Urea	4.2	5.6	mmol/L	(2.5-6.5)
Urate	0.193	0.259	mmol/L	(0.130-0.350)
Creatinine	40	37 L	umol/L	(40-65)
Random Glucose	5.3	4.0	mmol/L	(3.6-7.7)
Total Protein	77	75	g/L	(65-80)
Albumin	36	39	g/L	(35-47)
Globulin	41 H	36	g/L	(23-40)
T Bilirubin	<5	<5	umol/L	(<16)
ALP	111 L	130	U/L	(120-350)
AST	20	16	U/L	(10-40)
ALT	11	11	U/L	(5-30)
GGT	12	12	U/L	(5-20)
LDH	274	197	U/L	(120-300)
Cholesterol	5.0 H	4.5	mmol/L	(<4.6)
Haemolysis Index	6	6		(<40)

Comments on Collection 22/09/21 1149:

E/LFT

Please note: eGFR cannot be calculated on patients less than 18 years old.

CA

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

Tests Completed: Creatinine,E/LFT,TSH,FBE

Tests Pending : R-U-Alb/Creat,RAST

Sample Pending :

To view added info click link or copy to web browser.

eGFR (Renal 1)

<http://protocols.sonichealthcare.com/shared/IP061.pdf>

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 7D1725EA44 Lab Reference: 662165057-C-C485
Laboratory: SNP
Addressee: DR WILLIAM P SMITH Referred by: DR WILLIAM P SMITH

Name of Test: MICROALBUMIN RANDOM

Requested: 21/09/2021 Collected: 22/09/2021 Reported: 23/09/2021 14:31

Clinical notes: rhinosinusitis

Clinical Notes : rhinosinusitis

Albumin/Creat Ratio

R U-Creatinine	8.5	mmol/L	
R U-Albumin	<5	mg/L	(<21)
R U-Albumin/Creat	<0.6	mg/mmol	(0.0 - 2.6)

Comments on Lab Id: 662165057

The Australian Diabetes Society subcommittee on microalbuminuria recommends that albumin excretion rates should be performed annually on all diabetic patients. Abnormality is confirmed if two of three samples collected over a six week period are elevated. Specimens other than first morning collections may occasionally be positive in subjects with orthostatic or exercise induced proteinuria.

CA

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

Tests Completed: Creatinine,R-U-Alb/Creat,E/LFT,TSH,FBE,RAST
 Tests Pending : D. pteronyssinus,Blomia tropicalis,Cat epithelium,
 Horse dander,Dog dander,Johnson grass,Bahia grass,
 Bermuda (Couch) grass,Perennial rye grass,
 Cladosporium herbarum,Aspergillus fumigatus,
 Eucalyptus,Acacia,Melaleuca,Common ragweed,Alternaria alternata
 Sample Pending :

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
 Phone: 0419671920
 Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
 Your Reference: 7D1725EA44 Lab Reference: 662165057-I-K500
 Laboratory: SNP
 Addressee: DR WILLIAM P SMITH Referred by: DR WILLIAM P SMITH

Name of Test: S-Allergy Testing
 Requested: 21/09/2021 Collected: 22/09/2021 Reported: 24/09/2021 05:31

Clinical notes: rhinosinusitis

Clinical Notes : rhinosinusitis

Allergy Serology	kU/L	Class	
Cat epithelium	0.01	0	Negative
Dog dander	0.02	0	Negative
Dust Mite (D. pteronyssinus)	0.30	* I	* Low
Blomia tropicalis	0.07	0	Negative
Bermuda (Couch) grass	0.04	0	Negative
Perennial rye grass	0.01	0	Negative
Johnson grass	0.02	0	Negative
Bahia grass	0.03	0	Negative
Common ragweed	0.05	0	Negative
Horse dander	0.01	0	Negative
Eucalyptus	0.01	0	Negative
Acacia tree	0.01	0	Negative
Melaleuca	<0.01	0	Negative
Cladosporium herbarum	0.01	0	Negative
Aspergillus fumigatus	0.02	0	Negative
Alternaria alternata	0.03	0	Negative

IA

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

Tests Completed: Creatinine,R-U-Alb/Creat,E/LFT,TSH,FBE,RAST,
 D. pteronyssinus,Blomia tropicalis,Cat epithelium,
 Horse dander,Dog dander,Johnson grass,Bahia grass,
 Bermuda (Couch) grass,Perennial rye grass,
 Cladosporium herbarum,Aspergillus fumigatus,
 Eucalyptus,Acacia,Melaleuca,Common ragweed,Alternaria alternata

Tests Pending :
 Sample Pending :

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
 Phone: 0419671920
 Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
 Your Reference: 2B82A599FF Lab Reference: 668328914-D-D510
 Laboratory: SNP
 Addressee: DR WILLIAM P SMITH Referred by: DR WILLIAM P SMITH

Name of Test: RESP VIRUS PCR 1
 Requested: 01/07/2022 Collected: 01/07/2022 Reported: 02/07/2022 15:30

Clinical notes: symptomatic

Clinical Notes : symptomatic

Respiratory Virus PCR Testing

Site	Combined Throat/Nose Swabs
Influenza A RNA	Not Detected
Influenza B RNA	Not Detected
Respiratory Syncytial Virus RNA	Not Detected
Rhinovirus RNA	* Detected
Parainfluenza RNA	Not Detected
Human Metapneumovirus RNA	Not Detected
Adenovirus DNA	Not Detected

Comments on Collection 668328914

Testing performed utilising reverse transcriptase real time PCR with the Seegene Respiratory Virus assay(s).
The Influenza A component of the Respiratory Seegene Virus assay is a generic assay that detects a conserved region of the matrix gene of Influenza A virus strains including subtypes H1, H3 and H5.

Molecular amplification assays rely on detecting specific nucleic acid sequences, variations in sequence targets can result in reduced sensitivity or false negative results. Not detected results therefore do not preclude the presence of infection and results should be interpreted in association with all other information (clinical and laboratory) on the patient.
For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

CL

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

Tests Completed: SARS-CoV-2., Resp Virus PCR
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 2B82A599FF **Lab Reference:** 668328914-D-D261
Laboratory: SNP
Addressee: DR WILLIAM P SMITH **Referred by:** DR WILLIAM P SMITH

Name of Test: Coronavirus COVID19
Requested: 01/07/2022 **Collected:** 01/07/2022 **Reported:** 02/07/2022 14:30

Clinical notes: symptomatic

Clinical Notes : symptomatic

Coronavirus RT-PCR - SARS-CoV-2

Site	Combined Throat/Nose Swabs
SARS-CoV-2 RNA	Not Detected

Comments on Collection 668328914

Failure to detect virus specific nucleic acid does not always exclude SARS-CoV-2 and repeat testing may be indicated if clinical suspicion is high.
This assay is designed to detect the E and N genes of SARS-CoV-2 using real time Taqman PCR (real time RT-PCR).
For further enquiries regarding these results please contact Dr Jenny Robson, Dr Sarah Cherian or other clinical microbiologists (07) 33778534.
Testing for SARS-CoV-2 is notifiable on request irrespective of test results.

MA

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

Tests Completed: SARS-CoV-2.
Tests Pending : Resp Virus PCR

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4C0B4D9B40 Lab Reference: 682530607-D-D702
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S-ZOONOSSES PCR
Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 15:26

Q Fever PCR / Zoonoses PCR Testing

Site Serum
Q Fever PCR Not Detected
Comments on Collection 682530607

Coxiella burnetii DNA has not been detected in this specimen by PCR using primer and probe sequences targeting specific regions of the htpAB gene. For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

MA

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

Tests Completed: Iron Studies,CRP,Zoonoses PCR ,TSH,HbA1c,FBE,ESR,CMV,EBV,Dengue Serology,BFV ELISA,Q Fever,Toxoplasma,RRV ELISA

Tests Pending : E/LFT,Faeces PCR ,Faeces 1 MCS/OCP, Faeces H pylori Ag,Rickettsia IFA

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4C0B4D9B40 Lab Reference: 682530607-C-C140
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S-ROUTINE CHEMISTRY
Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 20:26

Chemistry (serum)

Date Time Lab Id.	Latest Results			Reference	Units
	11-Sep-20 1332 655117857	22-Sep-21 1149 662165057	07-Aug-23 0655 682530607		
Sodium	141	139	142	(132-145)	mmol/L
Potassium	4.1	4.1	4.1	(3.5-5.5)	mmol/L
Chloride	103	105	107	(95-110)	mmol/L
Bicarbonate	27	27	22	(21-31)	mmol/L
Anion Gap	11	7	13	(<16)	mmol/L
Calcium (Corr.)	2.31	2.39	2.37	(2.20-2.65)	mmol/L
Phosphate	1.62	1.47	1.83 H	(1.00-1.70)	mmol/L
Urea	4.2	5.6	6.7 H	(2.5-6.5)	mmol/L
Urate	0.193	0.259	0.343	(0.180-0.450)	mmol/L
Creatinine	40	37 L	54	(40-80)	umol/L
Random Glucose	5.3	4.0	4.8	(3.6-7.7)	mmol/L
Total Protein	77	75	75	(65-80)	g/L

Albumin	36	39	44	(35-47)	g/L
Globulin	41 H	36	31	(23-42)	g/L
T Bilirubin	<5	<5	10	(<16)	umol/L
ALP	111 L	130	237	(100-450)	U/L
AST	20	16	26	(10-40)	U/L
ALT	11	11	14	(5-30)	U/L
GGT	12	12	19	(5-30)	U/L
LDH	274	197	205	(<300)	U/L
Cholesterol	5.0 H	4.5	4.1	(<5.6)	mmol/L
Haemolysis Index	6	6	2	(<40)	mg/dL

Comments on Collection 07-Aug-23 0655:

E/LFT

Please note: eGFR cannot be calculated on patients less than 18 years old.

CA

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

Tests Completed: Iron Studies,CRP,E/LFT,Zoonoses PCR ,TSH,HbA1c,FBE,
ESR,CMV,EBV,Dengue Serology,BFV ELISA,Q Fever,
Toxoplasma,RRV ELISA

Tests Pending : Faeces PCR ,Faeces 1 MCS/OCF,Faeces H pylori Ag,Rickettsia IFA

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4C0B4D9B40 Lab Reference: 682530607-C-H245
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: .ANAEMIA

Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 05:26

Clinical Notes :

Haematinics

Date	Time	Lab Id.	Latest Results		
			Reference	Units	
11-Sep-20	07-Aug-23				
1332	0655				
655117857	682530607				
Iron	26 H	(5-25)		umol/L	
Transferrin	3.3 H	(1.9-3.1)		g/L	
TIBC	83 H	(47-77)		umol/L	
Trans Sat	31	(20-45)		%	
Ferritin	8 L	(30-200)		ug/L	
CRP	27 H	0.5	(<5)	mg/L	

Comments on Collection 07-Aug-23 0655:

Iron Studies

Results consistent with Iron Deficiency

This may be due to previous blood loss or poor oral iron intake.

Investigation of the gastro-intestinal tract for a source of blood loss may be indicated.

CA

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

Tests Completed: Iron Studies,CRP,TSH

Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,FBE,ESR,
Faeces 1 MCS/OCF,Referred Micro,CMV,EBV,
Dengue Serology,Faeces H pylori Ag,BFV ELISA,Q Fever,
Rickettsia IFA,Toxoplasma,RRV ELISA

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-C-C290
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S-C REACTIVE PROTEIN
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 08/08/2023 05:26

Clinical Notes :

	Latest Results			
Date	11-Sep-20	07-Aug-23		
Time	1332	0655		
Lab Id.	655117857	682530607	Reference	Units
CRP	27 H	0.5	(<5)	mg/L

Comments on Collection 07-Aug-23 0655:

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,TSH

Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,FBE,ESR,
Faeces 1 MCS/OCF,Referred Micro,CMV,EBV,
Dengue Serology,Faeces H pylori Ag,BFV ELISA,Q Fever,
Rickettsia IFA,Toxoplasma,RRV ELISA

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-E-E030
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S- THYROID FUNCTION
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 08/08/2023 05:26

Clinical Notes :

Thyroid Function Tests

	Latest Results			
Date	22-Sep-21	07-Aug-23		
Time	1149	0655		
Lab Id.	662165057	682530607	Reference	Units
TSH	1.1	1.6	(0.3-5.3)	mIU/L

Comments on Collection 07-Aug-23 0655:

Euthyroid

EA

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

Tests Completed: Iron Studies,CRP,TSH
 Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,FBE,ESR,
 Faeces 1 MCS/OCF,Referred Micro,CMV,EBV,
 Dengue Serology,Faeces H pylori Ag,BFV ELISA,Q Fever,
 Rickettsia IFA,Toxoplasma,RRV ELISA
 Sample Pending :

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
 Phone: 0419671920
 Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
 Your Reference: 4C0B4D9B40 Lab Reference: 682530607-H-H900
 Laboratory: SNP
 Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: .BLOOD COUNT
 Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 07:26

Clinical Notes :

Haematology

Date	Latest Results			Reference	Units
	11-Sep-20	22-Sep-21	07-Aug-23		
Time	1332	1149	0655		
Lab Id.	655117857	662165057	682530607		
Haemoglobin	132	124	136	(110-150)	g/L
Haematocrit	0.39	0.39	0.43	(0.36-0.46)	
RCC	4.5	4.6	5.0	(4.0-5.6)	10*12/L
MCV	86	85	87	(77-95)	fL
WCC	7.0	7.9	6.1	(5.0-12.0)	10*9/L
Neutrophils	4.03	4.27	2.32	(1.5-7.5)	10*9/L
Lymphocytes	1.90	2.78	2.88	(1.0-6.5)	10*9/L
Monocytes	0.39	0.44	0.42	(0-1.5)	10*9/L
Eosinophils	0.68 H	0.40	0.47	(0-0.6)	10*9/L
Basophils	0.04	0.04	0.05	(0-0.20)	10*9/L
Platelets	374	420	321	(150-600)	10*9/L

HA

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

Tests Completed: Iron Studies,CRP,TSH,FBE
 Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,ESR,
 Faeces 1 MCS/OCF,Referred Micro,CMV,EBV,
 Dengue Serology,Faeces H pylori Ag,BFV ELISA,Q Fever,
 Rickettsia IFA,Toxoplasma,RRV ELISA
 Sample Pending :

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
 Phone: 0419671920
 Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
 Your Reference: 4C0B4D9B40 Lab Reference: 682530607-S-S207
 Laboratory: SNP
 Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S-Q FEVER SEROLOGY
 Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 09:26

Clinical Notes :

Q Fever Serology

Q Fever Phase 2 IgG (EIA) Negative

Q Fever Phase 2 IgM (EIA) Negative
Comments on Collection 682530607

No antibodies to Q Fever detected.

This result may indicate:

1. No recent exposure to Q Fever.
2. An early acute phase collection. A further sample collected at least 10 days after onset of symptoms should be tested if infection with Q Fever is suspected.

SW

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

Tests Completed: Iron Studies,CRP,TSH,FBE,Q Fever
Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,ESR,
Faeces 1 MCS/OCF,Referred Micro,CMV,EBV,
Dengue Serology,Faeces H pylori Ag,BFV ELISA,
Rickettsia IFA,Toxoplasma,RRV ELISA

Sample Pending :

To view added info click link or copy to web browser.

Q fever
<http://protocols.sonichealthcare.com/shared/IP609.pdf>

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4C0B4D9B40 Lab Reference: 682530607-H-H050
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: ESR
Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 10:26

Haematology

ESR 5 (1 - 12) mm/h

HA

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

Tests Completed: Iron Studies,CRP,TSH,FBE,ESR,CMV,EBV,Q Fever,Toxoplasma
Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,
Faeces 1 MCS/OCF,Referred Micro,Dengue Serology,
Faeces H pylori Ag,BFV ELISA,Rickettsia IFA,RRV ELISA

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4C0B4D9B40 Lab Reference: 682530607-S-S047
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S- CMV Serology
Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 10:26

CMV Serology

Date 11-Sep-20 Latest Results 07-Aug-23

Time 1332 **0655**
Lab Id. 655117857 **682530607** Reference Units
CMV IgG Positive Positive
CMV IgM Negative Negative

Comments on Collection 07-Aug-23 0655:
Serological evidence of past exposure to CMV.

MW

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

Tests Completed: Iron Studies,CRP,TSH,FBE,ESR,CMV,EBV,Q Fever,Toxoplasma
Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,
Faeces 1 MCS/OCF,Referred Micro,Dengue Serology,
Faeces H pylori Ag,BFV ELISA,Rickettsia IFA,RRV ELISA
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-S-S070
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S-EPSTEIN-BARR
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 08/08/2023 10:26

Latest Results
Date 11-Sep-20 **07-Aug-23**
Time 1332 **0655**
Lab Id. 655117857 **682530607** Reference Units
EBV VCA IgG Negative Negative
EBV VCA IgM Negative Negative
EBV NA IgG Negative Negative

Comments on Collection 07-Aug-23 0655:
No antibodies to Epstein-Barr virus (EBV) detected.
This result may indicate:
1.No exposure to EBV. If this sample was collected 2 weeks or more following onset of symptoms infection with EBV can be excluded.
2.An acute phase sample. Antibodies to EBV are usually detectable within 1 - 2 weeks following onset of symptoms. If this specimen was collected shortly after onset please submit a further sample to test for a rise in antibody level.

MW

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

Tests Completed: Iron Studies,CRP,TSH,FBE,ESR,CMV,EBV,Q Fever,Toxoplasma
Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,
Faeces 1 MCS/OCF,Referred Micro,Dengue Serology,
Faeces H pylori Ag,BFV ELISA,Rickettsia IFA,RRV ELISA
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-S-S242
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S-Toxoplasma Serol
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 08/08/2023 10:26

Toxoplasma Serology

		Latest Results	
Date	11-Sep-20	07-Aug-23	
Time	1332	0655	
Lab Id.	655117857	682530607	Reference Units

Toxoplasma IgG	Negative	Negative
Toxoplasma IgM	Negative	Negative

Comments on Collection 07-Aug-23 0655:
No antibodies to Toxoplasma detected.
This result may indicate:
1.No exposure to Toxoplasma.
2.Early infection with Toxoplasma. A recollection in 10-14 days
is recommended.

MW

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

Tests Completed: Iron Studies,CRP,TSH,FBE,ESR,CMV,EBV,Q Fever,Toxoplasma
Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,
Faeces 1 MCS/OCF,Referred Micro,Dengue Serology,
Faeces H pylori Ag,BFV ELISA,Rickettsia IFA,RRV ELISA
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4C0B4D9B40 Lab Reference: 682530607-S-S920
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: S-Dengue Serology
Requested: 02/08/2023 Collected: 07/08/2023 Reported: 08/08/2023 11:26

Dengue Fever Virus Serology

Dengue NS1 Antigen	Negative
Dengue Group 1-4 IgG (EIA)	Negative
Dengue Group 1-4 IgM (EIA)	Negative

Comments on Collection 682530607

Dengue serology testing performed by EIA.
No Dengue virus NS1 antigen or Dengue antibodies detected.

This may indicate:
1. Very early illness with the specimen collected before NS1
antigen is detectable or antibody production has commenced.
2. No exposure to Dengue virus.

If the onset of symptoms is less than 7 days, testing of a further
specimen in 7-10 days is recommended.

Flaviviruses are arthropod borne viruses. Those endemic in
Australia and of clinical importance include Dengue, the
encephalitic group (Murray Valley Encephalitis (MVE) and Kunjin)
and infrequently the non-encephalitic group (Kokobera and
Stratford). International travellers may encounter flaviviruses
including Dengue, Japanese B Encephalitis (JE), West Nile
Virus (WNV), Yellow fever and Tickborne encephalitis.

If a flavivirus other than Dengue is considered (eg MVE, Kunjin, JE,
WNV, Yellow fever, Tickborne encephalitis, Kokobera or Stratford)
contact the laboratory (07 33778528) to arrange specific testing.

SW

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

Tests Completed: Iron Studies,CRP,TSH,FBE,ESR,CMV,EBV,Dengue Serology,
Q Fever,Toxoplasma

Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,HbA1c,
Faeces 1 MCS/OCP,Referred Micro,Faeces H pylori Ag,
BFV ELISA,Rickettsia IFA,RRV ELISA

Sample Pending :

To view added info click link or copy to web browser.

Laboratory diagnosis of dengue infection
<http://protocols.sonichealthcare.com/shared/IP619.pdf>

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-H-E416
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: HBA1C
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 08/08/2023 12:26

HbA1c

HbA1c (NGSP)	5.7	(	<6.5	)	%
HbA1c (IFCC)	39	(	<48	)	mmol/mol

Comments on Collection 682530607

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

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

Tests Completed: Iron Studies,CRP,TSH,HbA1c,FBE,ESR,CMV,EBV,
Dengue Serology,Q Fever,Toxoplasma

Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,Faeces 1 MCS/OCP,
Faeces H pylori Ag,BFV ELISA,Rickettsia IFA,RRV ELISA

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-S-S100

Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER
Name of Test: S-BFV
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 08/08/2023 13:26

Barmah Forest Virus (BFV) Serology (ELISA)

Barmah Forest Virus IgG Negative
Barmah Forest Virus IgM Negative

Comments on Collection 682530607

No antibodies to Barmah Forest virus (BFV) detected.
This result may indicate:
1. Very early infection with BFV.
IgM antibodies are first detected 5-14 days after onset of symptoms.
If this specimen was collected soon after onset of symptoms and infection with BFV is suspected a further sample should be submitted in 2-3 weeks to test for a rise in antibody levels.
2. No exposure to BFV.
If this sample was collected more than 3 weeks after onset of symptoms diagnosis of BFV can be excluded.
Barmah Forest IgG and IgM testing performed by EIA.

EE

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

Tests Completed: Iron Studies, CRP, TSH, HbA1c, FBE, ESR, CMV, EBV,
Dengue Serology, BFV ELISA, Q Fever, Toxoplasma, RRV ELISA
Tests Pending : E/LFT, Faeces PCR, Zoonoses PCR, Faeces 1 MCS/OCF,
Faeces H pylori Ag, Rickettsia IFA
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-S-S500
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S-RRV
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 08/08/2023 13:26

Ross River Virus (RRV) Serology (ELISA)

RRV IgG Negative
RRV IgM Negative

Comments on Collection 682530607

No antibodies to Ross River virus (RRV) detected.
This result may indicate:
1. Very early infection with RRV.
IgM antibodies are first detected 5-14 days after onset of symptoms.
If this specimen was collected soon after onset of symptoms and infection with RRV is suspected a further sample should be submitted in 2-3 weeks to test for a rise in antibody levels.
2. No exposure to RRV.
If this sample was collected more than 3 weeks after onset of symptoms diagnosis of RRV can be excluded.

Ross River virus testing performed by EIA.

EE

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

Tests Completed: Iron Studies,CRP,TSH,HbA1c,FBE,ESR,CMV,EBV,
Dengue Serology,BFV ELISA,Q Fever,Toxoplasma,RRV ELISA
Tests Pending : E/LFT,Faeces PCR ,Zoonoses PCR ,Faeces 1 MCS/OCF,
Faeces H pylori Ag,Rickettsia IFA
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4C0B4D9B40 Lab Reference: 682530607-D-D183
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: FAECES PCR
Requested: 02/08/2023 Collected: 07/08/2023 Reported: 09/08/2023 14:26

Faeces PCR

Parasites:

Giardia intestinalis	Not Detected
Cryptosporidium	Not Detected
Dientamoeba fragilis	* Detected
Entamoeba histolytica	Not Detected
Blastocystis hominis	* Detected

Bacteria:

Campylobacter spp.	Not Detected
Salmonella spp.	Not Detected
Shigella spp./EIEC	Not Detected
Yersinia enterocolitica	Not Detected
Aeromonas	Not Detected

Comments on Collection 682530607

DNA consistent with the presence of Blastocystis hominis has been detected using PCR with specific primers and probe. The pathogenic role of Blastocystis spp has not been proven, particularly in immunocompetent individuals. Using molecular techniques, the overall prevalence in our test population is 17%. Individuals may be colonised with this organism and do not need treatment. It can be acquired by contact with animals including pets or contaminated water. Potentially pathogenic or animal strains cannot be differentiated by the current available tests. Screening for clearance of the organism or testing of family members is not recommended.

<http://www.rcpa.edu.au/Library/College-Policies/Guidelines/Faecal-pathogen-testing-by-PCR>

DNA consistent with the presence of Dientamoeba fragilis has been detected by PCR with specific primers and probe. The pathogenic role of Dientamoeba fragilis has not been established. Using molecular techniques, the overall prevalence in our test population is 16.2% with more than 50% of children aged 5-10 years testing positive for D.fragilis. A randomised double blinded placebo controlled clinical trial does not support routine metronidazole treatment of D. fragilis positive children with chronic gastrointestinal symptoms. As such, treatment may be harmful resulting in unnecessary adverse reactions, disruption of the normal gut flora and contribute to the development of antimicrobial resistance of faecal microbiota. Other causes for symptoms should be considered including other gut enteropathogens, food intolerance etc. Screening for clearance of the organism or testing of asymptomatic family members is not recommended.

<http://www.rcpa.edu.au/Library/College-Policies/>

Guidelines/Faecal-pathogen-testing-by-PCR
Only the reported enteropathogens have been tested.

All bacterial causes of gastroenteritis reported by PCR are cultured for recovery of isolates subject to organism viability and a further report issued. Some clinical indications e.g overseas travel, eosinophilia, seafood or antibiotic ingestion will require additional parasite concentration examination, culture setup or molecular testing to detect alternative pathogens e.g. hookworm, strongyloides, Vibrios, Clostridium difficile infection (CDI), Enterohaemorrhagic E. coli (STEC). These indications should be highlighted on the request.

Roche LightMix Gastroenteritis multiplex PCR assays were utilised for testing.
For further enquiries regarding these results please contact
Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

HT

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

Tests Completed: Iron Studies,CRP,E/LFT,Faeces PCR ,Zoonoses PCR ,TSH,
HbA1c,FBE,ESR,CMV,EBV,Dengue Serology,BFV ELISA,
Q Fever,Toxoplasma,RRV ELISA
Tests Pending : Faeces 1 MCS/OCF,Faeces H pylori Ag,Rickettsia IFA
Sample Pending :

To view added info click link or copy to web browser.

Patient Notes: Blastocystosis
<http://protocols.sonichealthcare.com/shared/IP600.pdf>

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 4COB4D9B40 Lab Reference: 682530607-S-E186
Laboratory: SNP
Addressee: DR JANE DE KEYSER Referred by: DR JANE DE KEYSER

Name of Test: /H.PYLORI VIRTUAL
Requested: 02/08/2023 Collected: 07/08/2023 Reported: 09/08/2023 17:26

Helicobacter pylori

Faecal H. pylori Ag (ChLIA) Negative
Comments on Collection 682530607

A Negative result for Faecal Helicobacter antigen in most cases indicates no current infection with Helicobacter pylori.

If the patient is on antimicrobials not specifically prescribed for the eradication of H. pylori or proton pump inhibitors or bismuth preparations, the Faecal Helicobacter antigen may be falsely negative. The test result is valid if use of these medications have been ceased for a minimum of 2 weeks or in the case of specific anti-helicobacter treatment for a minimum of 4 weeks prior to the collection of the specimen. A false negative result may also occur if the patient has diarrhoea.

RC

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

Tests Completed: Iron Studies,CRP,E/LFT,Faeces PCR ,Zoonoses PCR ,TSH,
HbA1c,FBE,ESR,CMV,EBV,Dengue Serology,
Faeces H pylori Ag,BFV ELISA,Q Fever,Toxoplasma,RRV ELISA
Tests Pending : Faeces 1 MCS/OCF,Rickettsia IFA
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-S-S215
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S-RICKETTSIAL SEROLOGY
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 10/08/2023 11:26

Rickettsial Serology (IFA)

Spotted Fever Group Total Ab (IFA) 256
Typhus Group Total Ab (IFA) Negative
Scrub Typhus Group Total Ab (IFA) Negative
Comments on Collection 682530607

Evidence of past or recent infection with Spotted Fever Gp Rickettsia. A second serum specimen taken 2-3 weeks after the first specimen may be helpful.
Spotted Fever Group includes: *R. australis* (Queensland Tick Typhus), *R. honei* (Flinders Island Spotted Fever), African Tick Typhus.
Typhus Group includes: *R. typhi* (endemic murine typhus).
Scrub Typhus Group: *Orientia tsutsugamushi*.

JB

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

Tests Completed: Iron Studies, CRP, E/LFT, Faeces PCR, Zoonoses PCR, TSH, HbA1c, FBE, ESR, CMV, EBV, Dengue Serology, Faeces H pylori Ag, BFV ELISA, Q Fever, Rickettsia IFA, Toxoplasma, RRV ELISA

Tests Pending : Faeces 1 MCS/OCP
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 4C0B4D9B40 **Lab Reference:** 682530607-M-M550
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: FAECES 1
Requested: 02/08/2023 **Collected:** 07/08/2023 **Reported:** 15/08/2023 15:26

Faeces 1

Specimen Faeces
Appearance Unformed stool

Parasite Concentration Dientamoeba fragilis trophozoites

Nematode culture No larvae (Strongyloides/Hookworm) detected
Culture No pathogens isolated
Comments: 682530607

No adult worms or segments of worms were detected.
Negative for Salmonella, Shigella, Campylobacter, Aeromonas spp. and Yersinia enterocolitica.

MA

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

Tests Completed: Iron Studies,CRP,E/LFT,Faeces PCR ,Zoonoses PCR ,TSH,
HbA1c,FBE,ESR,Faeces 1 MCS/OCP,CMV,EBV,
Dengue Serology,Faeces H pylori Ag,BFV ELISA,Q Fever,
Rickettsia IFA,Toxoplasma,RRV ELISA

Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 889BF9143E **Lab Reference:** 682554997-S-S215
Laboratory: SNP
Addressee: DR JANE DE KEYSER **Referred by:** DR JANE DE KEYSER

Name of Test: S-RICKETTSIAL SEROLOGY
Requested: 17/08/2023 **Collected:** 22/08/2023 **Reported:** 23/08/2023 16:26

Clinical notes: F/U serology between 21/08-28/08

Clinical Notes : F/U serology between 21/08-28/08

	Latest Results	
Date	07-Aug-23	22-Aug-23
Time	0655	1102
Lab Id.	682530607	682554997 Reference Units
Spot Fever Gp	256	Negative
Typhus Gp	Negative	Negative
Scrub Typhus Gp	Negative	Negative

Comments on Collection 22-Aug-23 1102:
Tested in parallel with the previous specimen.
No significant change in antibody level demonstrated.
Note samples are screened at a dilution of 1:256.
Results suggest no recent infection with Rickettsial species

MM

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

Tests Completed: Rickettsia IFA
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 0560F8B3E1 **Lab Reference:** 516161479-H-H900
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR CATHY M RETO

Name of Test: .BLOOD COUNT
Requested: 19/03/2024 **Collected:** 22/03/2024 **Reported:** 22/03/2024 13:22

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor apetite;; ?GORD, ?H P infecion, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant
pain/low grade with spasmic pain every now
and then;; Weight los;; Poor apetite;; ?GORD,
?H P infecion, ?IBD, ?Coeiliac

Haematology				Latest Results
Date	11-Sep-20	22-Sep-21	07-Aug-23	22-Mar-24
Time F-Fast	1332	1149	0655	0809 F

Lab Id.	655117857	662165057	682530607	516161479	Reference	Units
Haemoglobin	132	124	136	139	(135-175)	g/L
Haematocrit	0.39	0.39	0.43	0.43	(0.40-0.54)	
RCC	4.5	4.6	5.0	5.1	(4.5-6.5)	10*12/L
MCV	86	85	87	84	(80-100)	fL
WCC	7.0	7.9	6.1	5.6	(3.5-10.0)	10*9/L
Neutrophils	4.03	4.27	2.32	2.63	(1.5-6.5)	10*9/L
Lymphocytes	1.90	2.78	2.88	2.34	(1.0-4.0)	10*9/L
Monocytes	0.39	0.44	0.42	0.33	(0-0.9)	10*9/L
Eosinophils	0.68 H	0.40	0.47	0.26	(0-0.6)	10*9/L
Basophils	0.04	0.04	0.05	0.03	(0-0.15)	10*9/L
Platelets	374	420	321	270	(150-400)	10*9/L

HA

Tests Completed: FBE

Tests Pending : Iron Studies,CRP,E/LFT,Liver Function Tests,
Faeces PCR ,Vitamin B12,Folate (Serum),H pylori,
Urea Breath,HbA1c,TTG Abs,ANCA,GBM abs,ASCA,
Gliadin Abs,IgA ,Faeces 1 MCS/OCP

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 0560F8B3E1 Lab Reference: 516161479-C-C290
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR CATHY M RETO

Name of Test: S-C REACTIVE PROTEIN
Requested: 19/03/2024 Collected: 22/03/2024 Reported: 22/03/2024 14:22

Clinical notes: Upper abdo pain for 8 weeks;, Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;, Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

	Latest Results			
Date	11-Sep-20	07-Aug-23	22-Mar-24	
Time F-Fast	1332	0655	0809 F	
Lab Id.	655117857	682530607	516161479	Reference Units
CRP	27 H	0.5	<0.4	(<5) mg/L

Comments on Collection 22-Mar-24 0809 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: CRP,E/LFT,Liver Function Tests,FBE

Tests Pending : Iron Studies,Faeces PCR ,Vitamin B12,Folate (Serum),
H pylori,Urea Breath,HbA1c,TTG Abs,ANCA,GBM abs,ASCA,
Gliadin Abs,IgA ,Faeces 1 MCS/OCP

Sample Pending :

MASON, JOEL

10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 0560F8B3E1 **Lab Reference:** 516161479-C-C140
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR CATHY M RETO

Name of Test: S- ROUTINE CHEMISTRY
Requested: 19/03/2024 **Collected:** 22/03/2024 **Reported:** 22/03/2024 14:22

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Chemistry (serum)

Date	Latest Results					
	11-Sep-20	22-Sep-21	07-Aug-23	22-Mar-24	Reference	Units
Time F-Fast	1332	1149	0655	0809 F		
Lab Id.	655117857	662165057	682530607	516161479		
Sodium	141	139	142	137	(132-145)	mmol/L
Potassium	4.1	4.1	4.1	4.2	(3.5-5.5)	mmol/L
Chloride	103	105	107	105	(95-110)	mmol/L
Bicarbonate	27	27	22	25	(21-31)	mmol/L
Anion Gap	11	7	13	7	(<16)	mmol/L
Calcium (Corr.)	2.31	2.39	2.37	2.22	(2.20-2.65)	mmol/L
Phosphate	1.62	1.47	1.83 H	1.43	(1.00-1.70)	mmol/L
Urea	4.2	5.6	6.7 H	5.7	(2.5-6.5)	mmol/L
Urate	0.193	0.259	0.343	0.271	(0.180-0.450)	mmol/L
Creatinine	40	37 L	54	54	(50-95)	umol/L
Fast. Glucose				5.4	(3.6-6.0)	mmol/L
Random Glucose	5.3	4.0	4.8		(3.6-7.7)	mmol/L
Total Protein	77	75	75	75	(66-82)	g/L
Albumin	36	39	44	49 H	(35-47)	g/L
Globulin	41 H	36	31	26	(23-42)	g/L
T Bilirubin	<5	<5	10	7	(<16)	umol/L
ALP	111 L	130	237	190	(100-450)	U/L
AST	20	16	26	33	(10-40)	U/L
ALT	11	11	14	28	(5-30)	U/L
GGT	12	19	15	15	(5-30)	U/L
LDH	274	197	205	190	(<300)	U/L
Cholesterol	5.0 H	4.5	4.1	4.4	(<5.6)	mmol/L
Haemolysis Index	6	6	2	7	(<40)	mg/dL

Comments on Collection 22-Mar-24 0809 F:
E/LFT
Please note: eGFR cannot be calculated on patients less than 18 years old.

CA

Tests Completed: CRP,E/LFT,Liver Function Tests,FBE
Tests Pending : Iron Studies,Faeces PCR ,Vitamin B12,Folate (Serum),
H pylori,Urea Breath,HbA1c,TTG Abs,ANCA,GBM abs,ASCA,
Gliadin Abs,IgA ,Faeces 1 MCS/OCF
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 0560F8B3E1 **Lab Reference:** 516161479-C-H245
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR CATHY M RETO

Name of Test: .ANAEMIA
Requested: 19/03/2024 **Collected:** 22/03/2024 **Reported:** 23/03/2024 05:23

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor apetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor apetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Haematinics

		Latest Results			
Date		11-Sep-20	07-Aug-23	22-Mar-24	
Time F-Fast		1332	0655	0809 F	
Lab Id.		655117857	682530607	516161479	Reference Units
Iron		26 H	18	(5-30)	umol/L
Transferrin		3.3 H	3.3 H	(1.9-3.1)	g/L
TIBC		83 H	84 H	(47-77)	umol/L
Trans Sat		31	21	(20-45)	%
Ferritin		8 L	10 L	(30-200)	ug/L
CRP	27 H	0.5	<0.4	(<5)	mg/L
Vitamin B12			642	(>150)	pmol/L
Folate serum			29	(>7.0)	nmol/L

Comments on Collection 22-Mar-24 0809 F:

Iron Studies

Results are consistent with Iron Deficiency.

This may be due to excessive blood loss, or poor dietary iron intake.

Investigation of the GIT for a source of blood loss may be indicated.

All patients with low or equivocal vitamin B12 results (400 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 400 pmol/L are generally considered replete.

EA

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

Tests Completed: Iron Studies,CRP,E/LFT,Liver Function Tests, Vitamin B12,Folate (Serum),H pylori,FBE,TTG Abs,ASCA, Gliadin Abs,IgA

Tests Pending : Faeces PCR ,Urea Breath,HbA1c,ANCA,GBM abs,Faeces 1 MCS/OCP

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 0560F8B3E1 **Lab Reference:** 516161479-I-I907
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR CATHY M RETO

Name of Test: S-Coeliac Autoabs
Requested: 19/03/2024 **Collected:** 22/03/2024 **Reported:** 23/03/2024 05:23

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor apetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor apetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Coeliac Disease Autoantibodies

Tissue Transglutaminase IgA Abs	<1	(<7)	U/mL
Gliadin (deamidated) IgG Abs	<1	(<7)	U/mL
Immunoglobulin A (Total IgA)	1.67	(0.99 - 2.97)	g/L

Comments on Lab Id: 516161479

With a normal or near normal IgA, the presence of CD 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: Iron Studies,CRP,E/LFT,Liver Function Tests,
Vitamin B12,Folate (Serum),H pylori,FBE,TTG Abs,ASCA,
Gliadin Abs,IgA
Tests Pending : Faeces PCR ,Urea Breath,HbA1c,ANCA,GBM abs,Faeces 1 MCS/OCP
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 0560F8B3E1 Lab Reference: 516161479-I-I055
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR CATHY M RETO

Name of Test: S-ASCA
Requested: 19/03/2024 Collected: 22/03/2024 Reported: 23/03/2024 05:23

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant
pain/low grade with spasmic pain every now
and then;; Weight los;; Poor appetite;; ?GORD,
?H P infection, ?IBD, ?Coeiliac

Anti-Saccharomyces cerevisiae Antibodies (ASCA)

ASCA IgG	<1	(	<10	)	U/mL
ASCA IgA	<1	(	<10	)	U/mL

Comments on Lab Id: 516161479

ASCA antibodies (IgA and/or IgG) are of limited use in determining the nature of inflammatory bowel disease. When combined with ANCA testing they may be of use in delineating indeterminate colitis, though the sensitivity and specificity is around 75%.

ASCA positive, p-ANCA negative: more likely to develop Crohn's disease.
ASCA negative, p-ANCA positive: more likely to develop ulcerative colitis.

Note: From 15/10/2013 ASCA antibodies are now performed by FEIA. Reference ranges are the same as the previous method (ELISA). Results between 8-10 IU/mL are considered borderline by the new method.

IA

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

Tests Completed: Iron Studies,CRP,E/LFT,Liver Function Tests,
Vitamin B12,Folate (Serum),H pylori,FBE,TTG Abs,ASCA,
Gliadin Abs,IgA
Tests Pending : Faeces PCR ,Urea Breath,HbA1c,ANCA,GBM abs,Faeces 1 MCS/OCP
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 0560F8B3E1 Lab Reference: 516161479-H-E416

Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR CATHY M RETO

Name of Test: HBA1C
Requested: 19/03/2024 **Collected:** 22/03/2024 **Reported:** 23/03/2024 12:22

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

HbA1c

Date	Latest Results			
	07-Aug-23	22-Mar-24		
Time F-Fast	0655	0809 F		
Lab Id.	682530607	516161479	Reference	Units
HbA1c (NGSP)	5.7	5.9	(<6.5)	%
HbA1c (IFCC)	39	41	(<48)	mmol/mol

Comments on Collection 22-Mar-24 0809 F:
Control zones for diabetes management

	NGSP (%)	IFCC (mmol/mol)
Very good control *	<6.1	<43
Good control	6.1 - 7.0	43 - 53
Suboptimal control	7.1 - 8.0	54 - 64
Poor control	8.1 - 9.0	65 - 75
Very poor control	>9.0	>75
In patients with a significant risk of adverse outcome from hypoglycaemia (children <16 and adults >70 years), higher target values may be appropriate.		
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 23-03-2025. Copy and paste the URL below into your web browser and use PIN 7360 to access the report.

<https://sdrviewer.apps.sonichealthcare.com/?GUID=0FE3E0DC-EEEEB-41A7-B5AF-3177F8A861CC&hostCode=SNP&shareType=1>

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

Tests Completed: Iron Studies,CRP,E/LFT,Liver Function Tests,
Vitamin B12,Folate (Serum),H pylori,HbA1c,FBE,
TTG Abs,ASCA,Gliadin Abs,IgA

Tests Pending : Faeces PCR ,Urea Breath,ANCA,GBM abs,Faeces 1 MCS/OCF
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 0560F8B3E1 **Lab Reference:** 516161479-D-D183
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR CATHY M RETO

Name of Test: FAECES PCR
Requested: 19/03/2024 **Collected:** 22/03/2024 **Reported:** 23/03/2024 16:22

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant
pain/low grade with spasmic pain every now
and then;; Weight los;; Poor apetite;; ?GORD,
?H P infection, ?IBD, ?Coeiliac

Faeces PCR

Specimen Type

Faeces

Parasites:

Giardia intestinalis	Not Detected
Cryptosporidium	Not Detected
Dientamoeba fragilis	* Detected
Entamoeba histolytica	Not Detected
Blastocystis hominis	* Detected

Bacteria:

Campylobacter spp.	Not Detected
Salmonella spp.	Not Detected
Shigella spp./EIEC	Not Detected
Yersinia enterocolitica	Not Detected
Aeromonas	Not Detected

Comments on Collection 516161479

DNA consistent with the presence of Blastocystis hominis has been detected using PCR with specific primers and probe. The pathogenic role of Blastocystis spp has not been proven, particularly in immunocompetent individuals. Using molecular techniques, the overall prevalence in our test population is 17%. Individuals may be colonised with this organism and do not need treatment. It can be acquired by contact with animals including pets or contaminated water. Potentially pathogenic or animal strains cannot be differentiated by the current available tests. Screening for clearance of the organism or testing of family members is not recommended.

<http://www.rcpa.edu.au/Library/College-Policies/Guidelines/Faecal-pathogen-testing-by-PCR>

DNA consistent with the presence of Dientamoeba fragilis has been detected by PCR with specific primers and probe. The pathogenic role of Dientamoeba fragilis has not been established. Using molecular techniques, the overall prevalence in our test population is 16.2% with more than 50% of children aged 5-10 years testing positive for D.fragilis. A randomised double blinded placebo controlled clinical trial does not support routine metronidazole treatment of D. fragilis positive children with chronic gastrointestinal symptoms. As such, treatment may be harmful resulting in unnecessary adverse reactions, disruption of the normal gut flora and contribute to the development of antimicrobial resistance of faecal microbiota. Other causes for symptoms should be considered including other gut enteropathogens, food intolerance etc. Screening for clearance of the organism or testing of asymptomatic family members is not recommended.

<http://www.rcpa.edu.au/Library/College-Policies/Guidelines/Faecal-pathogen-testing-by-PCR>

Only the reported enteropathogens have been tested.

All bacterial causes of gastroenteritis reported by PCR are cultured for recovery of isolates subject to organism viability and a further report issued. Some clinical indications e.g overseas travel, eosinophilia, seafood or antibiotic ingestion will require additional parasite concentration examination, culture setup or molecular testing to detect alternative pathogens e.g. hookworm, strongyloides, Vibrios, Clostridium difficile infection (CDI), Enterohaemorrhagic E. coli (STEC). These indications should be highlighted on the request.

Roche LightMix Gastroenteritis multiplex PCR assays were utilised for testing.

For further enquiries regarding these results please contact Dr Jenny Robson or Dr Sarah Cherian (07 3377 8534).

BJ

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

Tests Completed: Iron Studies, CRP, E/LFT, Liver Function Tests,
Faeces PCR, Vitamin B12, Folate (Serum), H pylori,

HbA1c, FBE, TTG Abs, ASCA, Gliadin Abs, IgA
Tests Pending : Urea Breath, ANCA, GBM abs, Faeces 1 MCS/OCP
Sample Pending :

To view added info click link or copy to web browser.

Patient Notes: Blastocystosis
<http://protocols.sonichealthcare.com/shared/IP600.pdf>

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 0560F8B3E1 Lab Reference: 516161479-I-I902
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR CATHY M RETO

Name of Test: S- ANCA
Requested: 19/03/2024 Collected: 22/03/2024 Reported: 25/03/2024 09:22

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Anti-Neutrophil Cytoplasmic Antibodies (ANCA)

Classical-ANCA (C-ANCA) <40
Perinuclear-ANCA (P-ANCA) <40
Comments on Lab Id: 516161479

A negative ANCA does not exclude the presence of a large vessel (e.g. giant cell arteritis, temporal arteritis, Takayasu's arteritis) or medium vessel vasculitis (e.g. polyarteritis nodosa). Up to 5% of patients with Granulomatosis with polyangiitis (previously Wegener's) and other small vessel vasculitides (e.g. microscopic polyarteritis/polyangiitis) will also be ANCA negative. ANCA titres are expressed as a reciprocal of dilution from <40 (negative) to >= 2560 (strongly positive).

RP

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

Tests Completed: Iron Studies, CRP, E/LFT, Liver Function Tests, Faeces PCR, Vitamin B12, Folate (Serum), H pylori, HbA1c, FBE, TTG Abs, ANCA, ASCA, Gliadin Abs, IgA
Tests Pending : Urea Breath, GBM abs, Faeces 1 MCS/OCP
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 0560F8B3E1 Lab Reference: 516161479-S-E186
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR CATHY M RETO

Name of Test: /H.PYLORI VIRTUAL
Requested: 19/03/2024 Collected: 22/03/2024 Reported: 25/03/2024 13:22

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infection, ?IBD, ?Coeiliac

Helicobacter pylori

		Latest Results	
Date	07-Aug-23	22-Mar-24	
Time F-Fast	0655	0809 F	
Lab Id.	682530607	516161479	Reference Units

H.pylori IgG	Negative	
F-H pylori Ag ChLI	Negative	
Urea Breath	Positive *	
UBT Numerical	385 H	(<50) dpm

UBT Numerical Equivocal 50 - 199 dpm, Positive >199 dpm

Comments on Collection 22-Mar-24 0809 F:

Presence of Faecal Helicobacter antigen and/or Positive Urea Breath Test
Indicates current infection with Helicobacter pylori.

Serological evidence of probable Helicobacter pylori infection. For current treatment recommendations refer to IP607.

<https://protocols.sonichealthcare.com/shared/IP607.pdf>

To determine the success of anti-helicobacter treatment the faecal antigen or urea breath test should be performed no sooner than 4 weeks after completion of treatment

H.pylori infection has been linked to duodenal (100%) and gastric (70%) ulceration but also to nonulcer dyspepsia (40-50%), gastric carcinoma, primary gastric lymphoma and iron deficiency anaemia. Infection results in chronic inflammation of the gastric antrum sometimes with no symptoms or immediate clinical consequences. Eradication therapy for all patients with active H.pylori infection is recommended.

VK

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

Tests Completed: Iron Studies,CRP,E/LFT,Liver Function Tests,
Faeces PCR ,Vitamin B12,Folate (Serum),H pylori,
Urea Breath,HbA1c,FBE,TTG Abs,ANCA,ASCA,Gliadin Abs,IgA
Tests Pending : GBM abs,Faeces 1 MCS/OCF
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 0560F8B3E1 Lab Reference: 516161479-M-M550
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR CATHY M RETO

Name of Test: FAECES 1
Requested: 19/03/2024 Collected: 22/03/2024 Reported: 25/03/2024 17:22

Clinical notes: Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infecion, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;; Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infecion, ?IBD, ?Coeiliac

Faeces 1

Specimen Faeces

Culture No pathogens isolated
Comments: 516161479

Negative for Salmonella, Shigella, Campylobacter, Aeromonas spp. and Yersinia enterocolitica.

RM

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

Tests Completed: Iron Studies,CRP,E/LFT,Liver Function Tests,
Faeces PCR ,Vitamin B12,Folate (Serum),H pylori,
Urea Breath,HbA1c,FBE,TTG Abs,ANCA,ASCA,Gliadin Abs,
IgA ,Faeces 1 MCS/OCP

Tests Pending : GBM abs

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 0560F8B3E1 Lab Reference: 516161479-Z-I051
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR CATHY M RETO

Name of Test: S-GBM ABS
Requested: 19/03/2024 Collected: 22/03/2024 Reported: 26/03/2024 19:22

Clinical notes: Upper abdo pain for 8 weeks;, Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infecion, ?IBD, ?Coeiliac

Clinical Notes : Upper abdo pain for 8 weeks;, Contant pain/low grade with spasmic pain every now and then;; Weight los;; Poor appetite;; ?GORD, ?H P infecion, ?IBD, ?Coeiliac

Glomerular Basement Membrane (GBM) Antibodies

GBM Abs <0.2 (<1) AI
GBM Abs Not Detected
Comments on Lab Id: 516161479

GBM antibodies may occur in patients suffering from Goodpasture syndrome, anti-GBM disease and ANCA associated vasculitis.

Please note from 21/6/2023 the GBM assay is temporarily changed to a multiplex flow IA and performed at Douglas Hanly Moir. Results prior to this date are not directly comparable to the new method. If further information is required please contact the Immunology department on (07) 3377 8644.

SS

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

Tests Completed: Iron Studies,CRP,E/LFT,Liver Function Tests,
Faeces PCR ,Vitamin B12,Folate (Serum),H pylori,
Urea Breath,HbA1c,FBE,TTG Abs,ANCA,GBM abs,ASCA,
Gliadin Abs,IgA ,Faeces 1 MCS/OCP

Tests Pending :

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: D3A4270513 Lab Reference: 516161602-S-E186
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR CATHY M RETO

Name of Test: /H.PYLORI VIRTUAL
Requested: 28/03/2024 Collected: 28/03/2024 Reported: 03/04/2024 19:22

Clinical notes: H Pyori Abs positive

Clinical Notes : H Pyori Abs positive

Helicobacter pylori

				Latest Results	
Date	07-Aug-23	22-Mar-24		28-Mar-24	
Time F-Fast	0655	0809 F		1030	
Lab Id.	682530607	516161479		516161602	Reference Units

H.pylori IgG	Negative				
F-H pylori Ag ChLI	Negative		Negative		
Urea Breath		Positive *			
UBT Numerical		385 H		(<50)	dpm

UBT Numerical Equivocal 50 - 199 dpm, Positive >199 dpm

Comments on Collection 28-Mar-24 1030:

A Negative result for Faecal Helicobacter antigen in most cases indicates no current infection with Helicobacter pylori.

If the patient is on antimicrobials not specifically prescribed for the eradication of H. pylori or proton pump inhibitors or bismuth preparations, the Faecal Helicobacter antigen may be falsely negative. The test result is valid if use of these medications have been ceased for a minimum of 2 weeks or in the case of specific anti-helicobacter treatment for a minimum of 4 weeks prior to the collection of the specimen. A false negative result may also occur if the patient has diarrhoea.

RC

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

Tests Completed: Faeces H pylori Ag

Tests Pending :

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: Lab Reference: 526102034-H-H900
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR SHAUN M COUSEN
Copy to:

DR CATHY RETO

Name of Test: .BLOOD COUNT
Requested: 18/04/2024 Collected: 08/05/2024 Reported: 08/05/2024 14:23

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

Haematology

					Latest Results	
Date	22-Sep-21	07-Aug-23	22-Mar-24		08-May-24	
Time F-Fast	1149	0655	0809 F		0808 F	
Lab Id.	662165057	682530607	516161479		526102034	Reference Units
Haemoglobin	124	136	139	135	(135-175)	g/L
Haematocrit	0.39	0.43	0.43	0.40	(0.40-0.54)	
RCC	4.6	5.0	5.1	4.7	(4.5-6.5)	10*12/L
MCV	85	87	84	86	(80-100)	fL
WCC	7.9	6.1	5.6	5.1	(3.5-10.0)	10*9/L
Neutrophils	4.27	2.32	2.63	2.89	(1.5-6.5)	10*9/L
Lymphocytes	2.78	2.88	2.34	1.58	(1.0-4.0)	10*9/L
Monocytes	0.44	0.42	0.33	0.23	(0-0.9)	10*9/L
Eosinophils	0.40	0.47	0.26	0.36	(0-0.6)	10*9/L
Basophils	0.04	0.05	0.03	0.02	(0-0.15)	10*9/L
Platelets	420	321	270	234	(150-400)	10*9/L

HA

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

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
 Phone: 0419671920
 Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
 Your Reference: Lab Reference: 526102034-H-H050
 Laboratory: SNP
 Addressee: DR CATHY M RETO Referred by: DR SHAUN M COUSEN
 Copy to:
 DR CATHY RETO

Name of Test: ESR
 Requested: 18/04/2024 Collected: 08/05/2024 Reported: 08/05/2024 14:23

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

		Latest Results			
Date		07-Aug-23	08-May-24		
Time F-Fast		0655	0808 F		
Lab Id.		682530607	526102034	Reference	Units
ESR	5	1	(1-12)		mm/h
HA					

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

MASON, JOEL
 10 MOONLIGHT DR, JUBILEE POCKET. 4802
 Phone: 0419671920
 Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
 Your Reference: Lab Reference: 526102034-C-C290
 Laboratory: SNP
 Addressee: DR CATHY M RETO Referred by: DR SHAUN M COUSEN
 Copy to:
 DR CATHY RETO

Name of Test: S-C REACTIVE PROTEIN
 Requested: 18/04/2024 Collected: 08/05/2024 Reported: 08/05/2024 15:23

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

		Latest Results			
Date		11-Sep-20	07-Aug-23	22-Mar-24	08-May-24
Time F-Fast		1332	0655	0809 F	0808 F
Lab Id.		655117857	682530607	516161479	526102034
CRP	27 H	0.5	<0.4	<0.4	(<5)

Comments on Collection 08-May-24 0808 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: CRP,E/LFT,FBE,ESR
Tests Pending : Iron Studies
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: Lab Reference: 526102034-C-C140
Laboratory: SNP
Addressee: DR CATHY M RETO Referred by: DR SHAUN M COUSEN
Copy to: DR CATHY RETO

Name of Test: S-ROUTINE CHEMISTRY
Requested: 18/04/2024 Collected: 08/05/2024 Reported: 08/05/2024 15:23

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

Chemistry (serum)

Date	Latest Results				Reference	Units
	22-Sep-21	07-Aug-23	22-Mar-24	08-May-24		
Time F-Fast	1149	0655	0809 F	0808 F		
Lab Id.	662165057	682530607	516161479	526102034		
Sodium	139	142	137	141	(132-145)	mmol/L
Potassium	4.1	4.1	4.2	4.0	(3.5-5.5)	mmol/L
Chloride	105	107	105	108	(95-110)	mmol/L
Bicarbonate	27	22	25	26	(21-31)	mmol/L
Anion Gap	7	13	7	7	(<16)	mmol/L
Calcium (Corr.)	2.39	2.37	2.22	2.29	(2.20-2.65)	mmol/L
Phosphate	1.47	1.83 H	1.43	1.48	(1.00-1.70)	mmol/L
Urea	5.6	6.7 H	5.7	5.0	(2.5-6.5)	mmol/L
Urate	0.259	0.343	0.271	0.321	(0.180-0.450)	mmol/L
Creatinine	37 L	54	54	55	(50-95)	umol/L
Fast. Glucose			5.4	5.0	(3.6-6.0)	mmol/L
Random Glucose	4.0	4.8			(3.6-7.7)	mmol/L
Total Protein	75	75	75	68	(66-82)	g/L
Albumin	39	44	49 H	45	(35-47)	g/L
Globulin	36	31	26	23	(23-42)	g/L
T Bilirubin	<5	10	7	9	(<16)	umol/L
ALP	130	237	190	147	(100-450)	U/L
AST	16	26	33	15	(10-40)	U/L
ALT	11	14	28	12	(5-30)	U/L
GGT	12	19	15	17	(5-30)	U/L
LDH	197	205	190	179	(<300)	U/L
Cholesterol	4.5	4.1	4.4	3.8	(<5.6)	mmol/L
Haemolysis Index	6	2	7	13	(<40)	mg/dL

Comments on Collection 08-May-24 0808 F:
E/LFT
LD and AST may be falsely elevated due to mild haemolysis.
Please note: eGFR cannot be calculated on patients less than 18 years old.

CA

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

MASON, JOEL

10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: **Lab Reference:** 526102034-C-H245
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR SHAUN M COUSEN
Copy to:
DR CATHY RETO

Name of Test: .ANAEMIA
Requested: 18/04/2024 **Collected:** 08/05/2024 **Reported:** 09/05/2024 11:24

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

Haematinics

Date	Latest Results				Reference	Units
	11-Sep-20	07-Aug-23	22-Mar-24	08-May-24		
Time F-Fast	1332	0655	0809 F	0808 F		
Lab Id.	655117857	682530607	516161479	526102034		
Iron		26 H	18	24	(5-30)	umol/L
Transferrin		3.3 H	3.3 H	2.4	(1.9-3.1)	g/L
TIBC		83 H	84 H	60	(47-77)	umol/L
Trans Sat		31	21	40	(20-45)	%
Ferritin		8 L	10 L	141	(30-200)	ug/L
CRP	27 H	0.5	<0.4	<0.4	(<5)	mg/L
Vitamin B12			642		(>150)	pmol/L
Folate serum			29		(>7.0)	nmol/L

Comments on Collection 08-May-24 0808 F:
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,FBE,ESR
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: **Lab Reference:** 526102119-I-I062
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR SHAUN M COUSEN
Copy to:
DR CATHY RETO

Name of Test: CALPROTECTIN FAECAL
Requested: 18/04/2024 **Collected:** 11/05/2024 **Reported:** 14/05/2024 06:24

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

Faecal Calprotectin

Faecal Calprotectin 5 (<50) mg/kg
Comments on Lab Id: 526102119

Elevated faecal calprotectin indicates a high probability of intestinal inflammation. Levels of faecal calprotectin above 250 mg/kg have greater positive predictive value especially in children. For patients with known inflammatory bowel disease in remission, faecal calprotectin above 50 mg/kg is associated with an increased risk of relapse over the next 12 months. In patients with faecal calprotectin levels below 50 mg/kg with strong

clinical indications of intestinal inflammation, a repeat sample may be useful. In small bowel Crohn's the faecal calprotectin may be within the normal range. Many conditions including bowel cancer, NSAID ulceration, coeliac disease, diverticulitis and chronic inflammation may cause elevated faecal calprotectin. This test has not been validated in children under two years of age. Testing performed by FEIA.

Please be advised that as of November 1st 2021 the medicare schedule for faecal calprotectin testing has changed.

If all of the following five criteria have been met, no out of pocket fee will be charged -

1. The patient is under 50 years of age
2. The patient has gastrointestinal symptoms suggestive of inflammatory or functional bowel disease of more than 6 weeks duration
3. Infectious causes have been excluded
4. The likelihood of malignancy has been assessed as low
5. No relevant clinical alarms are present

All patients over the age of 50 will be charged the non-rebateable fee.

IA

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

Tests Completed: Faecal Calprotectin

Tests Pending : Occult Blood 1, Occult Blood 2, Occult Blood 3

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: **Lab Reference:** 526102119-M-M513
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR SHAUN M COUSEN
Copy to:
DR CATHY RETO

Name of Test: OCCULT BLOOD 1
Requested: 18/04/2024 **Collected:** 11/05/2024 **Reported:** 14/05/2024 12:24

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

Faeces Occult Blood 1

Occult Blood(Immunochemical) Negative
Comments: 526102119

Investigative protocol and additional interpretation of results available at the following weblink:
<http://protocols.sonichealthcare.com/shared/IP605.pdf>

PLEDIA FOB #2@BWH

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

Tests Completed: Faecal Calprotectin, Occult Blood 1, Occult Blood 2, Occult Blood 3

Tests Pending :

Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456

Your Reference: **Lab Reference:** 526102119-M-M523
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR SHAUN M COUSEN
Copy to:
DR CATHY RETO

Name of Test: OCCULT BLOOD 2
Requested: 18/04/2024 **Collected:** 11/05/2024 **Reported:** 14/05/2024 12:24

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

Faeces Occult Blood 2

Occult Blood(Immunochemical) Negative

PLEDIA FOB #2@BWH

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

Tests Completed: Faecal Calprotectin,Occult Blood 1,Occult Blood 2,Occult Blood 3
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: **Lab Reference:** 526102119-M-M533
Laboratory: SNP
Addressee: DR CATHY M RETO **Referred by:** DR SHAUN M COUSEN
Copy to:
DR CATHY RETO

Name of Test: OCCULT BLOOD 3
Requested: 18/04/2024 **Collected:** 11/05/2024 **Reported:** 14/05/2024 12:24

Clinical notes: chronic abdominal pain

Clinical Notes : chronic abdominal pain

Faeces Occult Blood 3

Occult Blood(Immunochemical) Negative

PLEDIA FOB #2@BWH

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

Tests Completed: Faecal Calprotectin,Occult Blood 1,Occult Blood 2,Occult Blood 3
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH. 4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-75889233-CBT-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr CATHY RETO
Copy to:
MACKAY BASE HOSPITAL

Name of Test: UREA BREATH TEST
Requested: 22/05/2024 **Collected:** 23/05/2024 **Reported:** 27/05/2024 09:30

Urea Breath Test Positive ++
(for the detection of Helicobacter pylori)

++ Breath Counts 350 (<50 = negative)
(typical positive = 800)

Tests Completed:C-14 UREA BREATH TEST
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH. 4802
Phone: 07 4946401
Birthdate: 04/01/2010 Sex: M Medicare Number: 42618664565
Your Reference: Lab Reference: 24-75889325-25T-0
Laboratory: 2184
Addressee: Dr CATHY RETO Referred by: MACKAY UNKNOWN DOCTOR
Copy to:
Dr. JANE DEKEYSER
Dr CATHY RETO

Name of Test: E/LFT (MASTER)
Requested: 28/05/2024 Collected: 30/05/2024 Reported: 30/05/2024 14:16

SERUM CHEMISTRY - FASTING

Sodium	139	mmol/L	(137-147)
Potassium	4.1	mmol/L	(3.5-5.0)
Chloride	101	mmol/L	(96-109)
Bicarbonate	28	mmol/L	(25-33)
Other Anions	14	mmol/L	(4-17)
Glucose	4.8	mmol/L	fasting (3.0-6.0)
Urea	6.1	mmol/L	(2.5-7.5)
Creatinine	60	umol/L	(40-120)
Uric Acid	0.41	mmol/L	(0.12-0.45)
Total Bilirubin	6	umol/L	(2-20)
Alk. Phos.	125	U/L	(30-300)
Gamma G.T.	23	U/L	(0-70)
ALT	18	U/L	(0-45)
AST	18	U/L	(0-41)
LD	192	U/L	(140-320)
Calcium	2.43	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.33	mmol/L	(2.15-2.60)
Phosphate	1.6	mmol/L	(0.9-1.7)
Albumin	46	g/L	(35-50)
Globulins	28	g/L	(20-40)

Tests Completed:SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM
Tests Completed:SE C-REACTIVE PROTEIN, SE MG
Tests Pending :IRON STUDIES, FBC, ESR

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH. 4802
Phone: 07 4946401
Birthdate: 04/01/2010 Sex: M Medicare Number: 42618664565
Your Reference: Lab Reference: 24-75889325-MG-0
Laboratory: 2184
Addressee: Dr CATHY RETO Referred by: MACKAY UNKNOWN DOCTOR
Copy to:
Dr. JANE DEKEYSER
Dr CATHY RETO

Name of Test: MAGNESIUM, SERUM
Requested: 28/05/2024 **Collected:** 30/05/2024 **Reported:** 30/05/2024 14:16

Serum Magnesium 0.9 mmol/L (0.7-1.1)

Tests Completed:SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM
Tests Completed:SE C-REACTIVE PROTEIN, SE MG
Tests Pending :IRON STUDIES, FBC, ESR

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-75889325-CRP-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** MACKAY UNKNOWN DOCTOR
Copy to:
Dr. JANE DEKEYSER
Dr CATHY RETO

Name of Test: C REACTIVE PROTEIN
Requested: 28/05/2024 **Collected:** 30/05/2024 **Reported:** 30/05/2024 14:16

CUMULATIVE SERUM C-REACTIVE PROTEIN (CRP)
Date 30/05/24
Time 07:43
Lab No 75889325

CRP + 19 mg/L(0-6)

C-reactive protein (CRP) is a non-specific indicator of tissue damage.
The level rises rapidly (within 6-10 hours) after tissue injury, peaks at 48-72 hours and returns to normal within a few days. Common causes of markedly increased CRP include infection (particularly bacterial), trauma, surgery, myocardial infarction, many malignancies and inflammatory disorders.

Tests Completed:SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM
Tests Completed:SE C-REACTIVE PROTEIN, SE MG
Tests Pending :IRON STUDIES, FBC, ESR

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-75889325-ESR-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** MACKAY UNKNOWN DOCTOR
Copy to:
Dr. JANE DEKEYSER
Dr CATHY RETO

Name of Test: ERYTHROCYTE SEDIMENT RATE
Requested: 28/05/2024 **Collected:** 30/05/2024 **Reported:** 31/05/2024 00:04

Erythrocyte Sedimentation Rate 13 mm/hr (1-15)

Tests Completed:SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM
Tests Completed:SE C-REACTIVE PROTEIN, SE MG, ESR
Tests Pending :IRON STUDIES, FBC

MASON, JOEL DANIEL
 10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-75889325-ISM-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** MACKAY UNKNOWN DOCTOR
Copy to:
 Dr. JANE DEKEYSER
 Dr CATHY RETO

Name of Test: MASTER IRON STUDIES
Requested: 28/05/2024 **Collected:** 30/05/2024 **Reported:** 31/05/2024 11:51

IRON STUDIES

- Serum Iron	9	umol/L	(10-33)
Transferrin IBC	48	umol/L	(45-70)
Transferrin Saturation	19	%	(16-50)
Serum Ferritin Assay	85	ug/L	(20-140)

Comment:

The serum ferritin indicates essentially adequate iron stores. The iron studies may reflect an infective or inflammatory process. In the absence of infection/inflammation the ferritin level will probably be lower.

Tests Completed:IRON STUDIES, SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT
 Tests Completed:SE GLUCOSE, SE CALCIUM, SE C-REACTIVE PROTEIN, SE MG, ESR
 Tests Pending :FBC

MASON, JOEL DANIEL
 10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-75889325-CBC-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** MACKAY UNKNOWN DOCTOR
Copy to:
 Dr. JANE DEKEYSER
 Dr CATHY RETO

Name of Test: MASTER FULL BLOOD COUNT
Requested: 28/05/2024 **Collected:** 30/05/2024 **Reported:** 31/05/2024 18:27

FULL BLOOD EXAMINATION

Haemoglobin	140	g/L	(115-155)
Red Cell Count	5.1	x10 ^12 /L	(3.6-5.2)
Haematocrit	0.43		(0.33-0.45)
Mean Cell Volume	85	fL	(78-95)
Mean Cell Haemoglobin	28	pg	(26-34)
Platelet Count	372	x10 ^9 /L	(150-450)
White Cell Count	6.9	x10 ^9 /L	(4.5-13.0)
Neutrophils	53 %	3.7 x10 ^9 /L	(2.0-8.0)
Lymphocytes	34 %	2.3 x10 ^9 /L	(1.5-5.0)
Monocytes	8 %	0.6 x10 ^9 /L	(0.2-1.0)
Eosinophils	5 %	0.35 x10 ^9 /L	(0.04-0.40)
Basophils	0 %	0.00 x10 ^9 /L	(< 0.21)

Red cells are normochromic and normocytic. Platelets appear normal and leucocytes are normal and mature.

Film Reviewer Comment:

Normal blood film.

** FINAL REPORT - Please destroy previous report **

Tests Completed:IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT
Tests Completed:SE GLUCOSE, SE CALCIUM, SE C-REACTIVE PROTEIN, SE MG, ESR
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-CBC-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr. GEOFF WITHERS
Copy to:
MACKAY UNKNOWN DOCTOR
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: MASTER FULL BLOOD COUNT
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 24/06/2024 23:35

FULL BLOOD EXAMINATION

Haemoglobin	138	g/L	(115-155)
Red Cell Count	5.0	x10 ^12 /L	(3.6-5.2)
Haematocrit	0.44		(0.33-0.45)
Mean Cell Volume	89	fL	(78-95)
Mean Cell Haemoglobin	28	pg	(26-34)
Platelet Count	286	x10 ^9 /L	(150-450)
White Cell Count	5.6	x10 ^9 /L	(4.5-13.0)
Neutrophils	57 %	3.2 x10 ^9 /L	(2.0-8.0)
Lymphocytes	32 %	1.8 x10 ^9 /L	(1.5-5.0)
Monocytes	6 %	0.3 x10 ^9 /L	(0.2-1.0)
Eosinophils	4 %	0.22 x10 ^9 /L	(0.04-0.40)
Basophils	1 %	0.06 x10 ^9 /L	(< 0.21)

Automated Comment:

As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

All haematology parameters are within normal limits for age and sex.

** FINAL REPORT - Please destroy previous report **

Tests Completed:FBC
Tests Pending :TFT, SE IMMUNOGLOBULINS, IRON STUDIES, SE URATE, SE U/C/ELECTS
Tests Pending :SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Pending :SE C-REACTIVE PROTEIN, SE LIPASE, SE MG

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-VD-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr. GEOFF WITHERS
Copy to:
MACKAY UNKNOWN DOCTOR
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: VITAMIN D,SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 25/06/2024 00:22

CUMULATIVE SERUM VITAMIN D

Date 24/06/24
Time 09:30
Lab No 76195594
Vitamin D3 90 nmol/L (> 49)

Tests Completed:FBC, SE VIT D
Tests Pending :TFT, SE IMMUNOGLOBULINS, IRON STUDIES, SE URATE, SE U/C/ELECTS
Tests Pending :SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC
Tests Pending :SE C-REACTIVE PROTEIN, SE LIPASE, SE MG

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-MG-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr. GEOFF WITHERS
Copy to:
MACKAY UNKNOWN DOCTOR
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: MAGNESIUM,SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 25/06/2024 00:31

Serum Magnesium 0.9 mmol/L (0.7-1.1)

Tests Completed:IRON STUDIES, FBC, SE VIT D, SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :TFT, SE IMMUNOGLOBULINS, SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT
Tests Pending :SE GLUCOSE, SE CALCIUM, SE ZINC

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-LIP-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr. GEOFF WITHERS
Copy to:
MACKAY UNKNOWN DOCTOR
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: LIPASE,SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 25/06/2024 00:31

CUMULATIVE PANCREATIC SERUM REPORT

Date 24/06/24
Time 09:30
Lab No 76195594

Lipase 26 U/L (< 70)

Active pancreatitis is typically associated with lipase levels exceeding 200 U/L, but levels may be lower or indeed within the normal range with low grade disease.

Tests Completed:IRON STUDIES, FBC, SE VIT D, SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :TFT, SE IMMUNOGLOBULINS, SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT
Tests Pending :SE GLUCOSE, SE CALCIUM, SE ZINC

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802

Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: THYROID TEST MASTER

Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 25/06/2024 00:53

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date 24/06/24
Time 09:30
Lab No 76195594

TSH 1.0 mIU/L (0.50-4.00)
free T4 15 pmol/L (10-20)
free T3 6.3 pmol/L (2.8-6.8)

Tests Completed:TFT, IRON STUDIES, FBC, SE VIT D, SE C-REACTIVE PROTEIN, SE LIPASE
Tests Completed:SE MG
Tests Pending :SE IMMUNOGLOBULINS, SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT
Tests Pending :SE GLUCOSE, SE CALCIUM, SE ZINC

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-25T-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr. GEOFF WITHERS
Copy to:
MACKAY UNKNOWN DOCTOR
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: E/LFT (MASTER)

Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 25/06/2024 01:26

SERUM CHEMISTRY - FASTING

Sodium	139	mmol/L	(137-147)
Potassium	4.2	mmol/L	(3.5-5.0)
Chloride	105	mmol/L	(96-109)
Bicarbonate	28	mmol/L	(25-33)
Other Anions	10	mmol/L	(4-17)
Glucose	4.9	mmol/L	fasting (3.0-6.0)
Urea	5.4	mmol/L	(2.5-7.5)
Creatinine	58	umol/L	(40-120)
Uric Acid	0.35	mmol/L	(0.12-0.45)
Total Bilirubin	8	umol/L	(2-20)
Alk. Phos.	133	U/L	(30-300)
Gamma G.T.	20	U/L	(0-70)
ALT	13	U/L	(0-45)
AST	19	U/L	(0-41)
LD	164	U/L	(140-320)
Calcium	2.51	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.33	mmol/L	(2.15-2.60)
Phosphate	1.4	mmol/L	(0.9-1.7)
Albumin	49	g/L	(35-50)
Globulins	25	g/L	(20-40)

Tests Completed:TFT, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT
Tests Completed:SE GLUCOSE, SE CALCIUM, SE VIT D, SE C-REACTIVE PROTEIN, SE LIPASE
Tests Completed:SE MG
Tests Pending :SE IMMUNOGLOBULINS, SE ZINC

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-ZN-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr. GEOFF WITHERS
Copy to:

MACKAY UNKNOWN DOCTOR
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: ZINC,SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 25/06/2024 10:58

Serum Zinc 14 umol/L (10-25)

Tests Completed:TFT, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS, SE PHOSPHATE, SE LFT
Tests Completed:SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D, SE C-REACTIVE PROTEIN
Tests Completed:SE LIPASE, SE MG
Tests Pending :SE IMMUNOGLOBULINS

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-SPQ-0
Laboratory: 2184
Addressee: Dr CATHY RETO **Referred by:** Dr. GEOFF WITHERS
Copy to:

MACKAY UNKNOWN DOCTOR
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: SPECIFIC PROTEINS(MASTER)
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 25/06/2024 14:44

SERUM IMMUNOGLOBULINS

IgG	11.5 g/L	(5.9-13.3)
IgA	1.8 g/L	(0.6-3.0)
IgM	0.9 g/L	(0.3-1.2)

For any unexplained elevated immunoglobulins we suggest serum protein electrophoresis. Total immunoglobulins may be under or over-estimated if a paraprotein is present.

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-CBC-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** Dr. GEOFF WITHERS
Copy to:

Dr JANE DE KEYSER
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: MASTER FULL BLOOD COUNT

Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

FULL BLOOD EXAMINATION

Haemoglobin	138	g/L	(115-155)
Red Cell Count	5.0	x10 ¹² /L	(3.6-5.2)
Haematocrit	0.44		(0.33-0.45)
Mean Cell Volume	89	fL	(78-95)
Mean Cell Haemoglobin	28	pg	(26-34)
Platelet Count	286	x10 ⁹ /L	(150-450)
White Cell Count	5.6	x10 ⁹ /L	(4.5-13.0)
Neutrophils	57 %	3.2 x10 ⁹ /L	(2.0-8.0)
Lymphocytes	32 %	1.8 x10 ⁹ /L	(1.5-5.0)
Monocytes	6 %	0.3 x10 ⁹ /L	(0.2-1.0)
Eosinophils	4 %	0.22 x10 ⁹ /L	(0.04-0.40)
Basophils	1 %	0.06 x10 ⁹ /L	(< 0.21)

Automated Comment:

As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

All haematology parameters are within normal limits for age and sex.

**** FINAL REPORT - Please destroy previous report ****

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-ISM-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** Dr. GEOFF WITHERS
Copy to:
Dr JANE DE KEYSER
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: MASTER IRON STUDIES
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

IRON STUDIES

Serum Iron	12	umol/L	(10-33)
Transferrin IBC	57	umol/L	(45-70)
Transferrin Saturation	21	%	(16-50)
Serum Ferritin Assay	54	ug/L	(20-140)

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-MG-0
Laboratory: 2184

Addressee: Dr JANE DE KEYSER **Referred by:** Dr. GEOFF WITHERS
Copy to:
Dr JANE DE KEYSER
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: MAGNESIUM, SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

Serum Magnesium 0.9 mmol/L (0.7-1.1)

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-LIP-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** Dr. GEOFF WITHERS
Copy to:
Dr JANE DE KEYSER
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: LIPASE, SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

CUMULATIVE PANCREATIC SERUM REPORT

Date 24/06/24
Time 09:30
Lab No 76195594

Lipase 26 U/L (< 70)

Active pancreatitis is typically associated with lipase levels exceeding 200 U/L, but levels may be lower or indeed within the normal range with low grade disease.

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-CRP-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** Dr. GEOFF WITHERS
Copy to:
Dr JANE DE KEYSER
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: C REACTIVE PROTEIN
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

CUMULATIVE SERUM C-REACTIVE PROTEIN (CRP)
Date 30/05/24 24/06/24

Time 07:43 09:30
Lab No 75889325 76195594

CRP + 19 < 5 mg/L(0-6)

C-reactive protein (CRP) is a non-specific indicator of tissue damage.
The level rises rapidly (within 6-10 hours) after tissue injury, peaks at 48-72 hours and returns to normal within a few days. Common causes of markedly increased CRP include infection (particularly bacterial), trauma, surgery, myocardial infarction, many malignancies and inflammatory disorders.

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-25T-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** Dr. GEOFF WITHERS
Copy to:
Dr JANE DE KEYSER
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: E/LFT (MASTER)
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

SERUM CHEMISTRY - FASTING

Sodium	139	mmol/L	(137-147)
Potassium	4.2	mmol/L	(3.5-5.0)
Chloride	105	mmol/L	(96-109)
Bicarbonate	28	mmol/L	(25-33)
Other Anions	10	mmol/L	(4-17)
Glucose	4.9	mmol/L	fasting (3.0-6.0)
Urea	5.4	mmol/L	(2.5-7.5)
Creatinine	58	umol/L	(40-120)
Uric Acid	0.35	mmol/L	(0.12-0.45)
Total Bilirubin	8	umol/L	(2-20)
Alk. Phos.	133	U/L	(30-300)
Gamma G.T.	20	U/L	(0-70)
ALT	13	U/L	(0-45)
AST	19	U/L	(0-41)
LD	164	U/L	(140-320)
Calcium	2.51	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.33	mmol/L	(2.15-2.60)
Phosphate	1.4	mmol/L	(0.9-1.7)
Albumin	49	g/L	(35-50)
Globulins	25	g/L	(20-40)

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565

Name of Test: VITAMIN D,SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

Name of Test: ZINC, SERUM
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

Name of Test: SPECIFIC PROTEINS (MASTER)
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

Joel

For any unexplained elevated immunoglobulins we suggest serum protein electrophoresis. Total immunoglobulins may be under or over-estimated if a paraprotein is present.

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 07 4946401
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76195594-THY-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** Dr. GEOFF WITHERS
Copy to:
Dr JANE DE KEYSER
Dr CATHY RETO
DR SHAUN M COUSEN

Name of Test: THYROID TEST MASTER
Requested: 20/06/2024 **Collected:** 24/06/2024 **Reported:** 13/07/2024 08:42

CUMULATIVE SERUM THYROID FUNCTION TESTS

Date	24/06/24
Time	09:30
Lab No	76195594
TSH	1.0 mIU/L (0.50-4.00)
free T4	15 pmol/L (10-20)
free T3	6.3 pmol/L (2.8-6.8)

Tests Completed:TFT, SE IMMUNOGLOBULINS, IRON STUDIES, FBC, SE URATE, SE U/C/ELECTS
Tests Completed:SE PHOSPHATE, SE LFT, SE GLUCOSE, SE CALCIUM, SE ZINC, SE VIT D
Tests Completed:SE C-REACTIVE PROTEIN, SE LIPASE, SE MG
Tests Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 79F54EE861 **Lab Reference:** 526463465-C-C253
Laboratory: SNP
Addressee: DR KELLY D HOANG **Referred by:** DR KELLY D HOANG
Copy to:
DR SHAUN COUSEN
DR GEOFFREY WITHERS

Name of Test: S-LIPASE
Requested: 20/08/2024 **Collected:** 20/08/2024 **Reported:** 21/08/2024 13:23

Clinical notes: monitoring iron deficiency

Clinical Notes : monitoring iron deficiency

Lipase

Lipase 20 (0 - 80) U/L

CA

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

Tests Completed: Iron Studies,Lipase,CRP,FBE

Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 79F54EE861 **Lab Reference:** 526463465-C-C290
Laboratory: SNP
Addressee: DR KELLY D HOANG **Referred by:** DR KELLY D HOANG
Copy to:
COPY TO BE VERIFIED

Name of Test: S-C REACTIVE PROTEIN
Requested: 20/08/2024 **Collected:** 20/08/2024 **Reported:** 21/08/2024 05:24
Clinical notes: monitoring iron deficiency

Clinical Notes : monitoring iron deficiency

	Latest Results				
Date	07-Aug-23	22-Mar-24	08-May-24	20-Aug-24	
Time F-Fast	0655	0809 F	0808 F	1211	
Lab Id.	682530607	516161479	526102034	526463465	Reference Units
CRP	0.5	<0.4	<0.4	<0.4	(<5) mg/L

Comments on Collection 20-Aug-24 1211:

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,FBE
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 4261866456
Your Reference: 79F54EE861 **Lab Reference:** 526463465-C-H245
Laboratory: SNP
Addressee: DR KELLY D HOANG **Referred by:** DR KELLY D HOANG
Copy to:
COPY TO BE VERIFIED

Name of Test: .ANAEMIA
Requested: 20/08/2024 **Collected:** 20/08/2024 **Reported:** 21/08/2024 05:24
Clinical notes: monitoring iron deficiency

Clinical Notes : monitoring iron deficiency

Haematinics

	Latest Results				
Date	07-Aug-23	22-Mar-24	08-May-24	20-Aug-24	
Time F-Fast	0655	0809 F	0808 F	1211	
Lab Id.	682530607	516161479	526102034	526463465	Reference Units

Iron	26 H	18	24	20	(5-30)	umol/L
Transferrin	3.3 H	3.3 H	2.4	2.5	(1.9-3.1)	g/L
TIBC	83 H	84 H	60	64	(47-77)	umol/L
Trans Sat	31	21	40	31	(20-45)	%
Ferritin	8 L	10 L	141	66	(30-200)	ug/L
CRP	0.5	<0.4	<0.4	<0.4	(<5)	mg/L
Vitamin B12		642			(>150)	pmol/L
Folate serum		29			(>7.0)	nmol/L

Comments on Collection 20-Aug-24 1211:
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, FBE
Tests Pending :
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 79F54EE861 Lab Reference: 526463465-H-H900
Laboratory: SNP
Addressee: DR KELLY D HOANG Referred by: DR KELLY D HOANG
Copy to:
COPY TO BE VERIFIED

Name of Test: .BLOOD COUNT
Requested: 20/08/2024 Collected: 20/08/2024 Reported: 20/08/2024 16:23

Clinical notes: monitoring iron deficiency

Clinical Notes : monitoring iron deficiency

Haematology

	Latest Results					
Date	07-Aug-23	22-Mar-24	08-May-24	20-Aug-24		
Time F-Fast	0655	0809 F	0808 F	1211		
Lab Id.	682530607	516161479	526102034	526463465	Reference	Units
Haemoglobin	136	139	135	148	(135-175)	g/L
Haematocrit	0.43	0.43	0.40	0.44	(0.40-0.54)	
RCC	5.0	5.1	4.7	5.1	(4.5-6.5)	10*12/L
MCV	87	84	86	87	(80-100)	fL
WCC	6.1	5.6	5.1	7.0	(3.5-10.0)	10*9/L
Neutrophils	2.32	2.63	2.89	3.25	(1.5-6.5)	10*9/L
Lymphocytes	2.88	2.34	1.58	2.88	(1.0-4.0)	10*9/L
Monocytes	0.42	0.33	0.23	0.43	(0-0.9)	10*9/L
Eosinophils	0.47	0.26	0.36	0.39	(0-0.6)	10*9/L
Basophils	0.05	0.03	0.02	0.02	(0-0.15)	10*9/L
Platelets	321	270	234	260	(150-400)	10*9/L

HA

Tests Completed: FBE
Tests Pending : Iron Studies, CRP
Sample Pending :

MASON, JOEL
10 MOONLIGHT DR, JUBILEE POCKET. 4802
Phone: 0419671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 4261866456
Your Reference: 5A60E54FC9 Lab Reference: 526104013-I-I062
Laboratory: SNP
Addressee: DR KELLY D HOANG Referred by: DR KELLY D HOANG

Copy to:

DR SHAUN COUSEN
DR GEOFFREY WITHERS

Name of Test: CALPROTECTIN FAECAL**Requested:** 20/08/2024 **Collected:** 22/08/2024 **Reported:** 24/08/2024 05:24**Clinical notes:** ongoing abdominal pain

Clinical Notes : ongoing abdominal pain

		Latest Results		
Date	11-May-24	22-Aug-24		
Time	0715	1045		
Lab Id.	526102119	526104013	Reference	Units
Calprotectin Faece	5	8	(<50)	mg/kg

Comments on Collection 22-Aug-24 1045:

Elevated faecal calprotectin indicates a high probability of intestinal inflammation. Levels of faecal calprotectin above 250 mg/kg have greater positive predictive value especially in children. For patients with known inflammatory bowel disease in remission, faecal calprotectin above 50 mg/kg is associated with an increased risk of relapse over the next 12 months. In patients with faecal calprotectin levels below 50 mg/kg with strong clinical indications of intestinal inflammation, a repeat sample may be useful. In small bowel Crohn's the faecal calprotectin may be within the normal range. Many conditions including bowel cancer, NSAID ulceration, coeliac disease, diverticulitis and chronic inflammation may cause elevated faecal calprotectin. This test has not been validated in children under two years of age. Testing performed by FEIA.

Please be advised that as of November 1st 2021 the medicare schedule for faecal calprotectin testing has changed.

If all of the following five criteria have been met, no out of pocket fee will be charged -

1. The patient is under 50 years of age
2. The patient has gastrointestinal symptoms suggestive of inflammatory or functional bowel disease of more than 6 weeks duration
3. Infectious causes have been excluded
4. The likelihood of malignancy has been assessed as low
5. No relevant clinical alarms are present

All patients over the age of 50 will be charged the non-rebateable fee.

IA

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

Tests Completed: Faecal Calprotectin

Tests Pending :

Sample Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH. 4802

Phone: 04 19671920**Birthdate:** 04/01/2010 **Sex:** M **Medicare Number:** 42618664565**Your Reference:** **Lab Reference:** 24-76542517-CBT-0**Laboratory:** 2184**Addressee:** Dr KELLY HOANG **Referred by:** Dr KELLY HOANG**Copy to:**

Dr EMMA MCINTYRE
DR SHAUN M COUSEN
Dr. GEOFF WITHERS

Name of Test: UREA BREATH TEST**Requested:** 20/08/2024 **Collected:** 09/09/2024 **Reported:** 16/09/2024 10:00

VIEWINLINERadiology Images

Report Author: Hatem Adham Service Provider: Whitsunday Radiology

WRAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH. 4802
Phone: 04 19671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76944338-CBC-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** DR RORY W HUTCHINSON
Copy to:
Dr JANE DE KEYSER

Name of Test: MASTER FULL BLOOD COUNT
Requested: 20/11/2024 **Collected:** 23/11/2024 **Reported:** 23/11/2024 17:18

FULL BLOOD EXAMINATION

Haemoglobin	139	g/L	(115-155)
Red Cell Count	4.8	x10 ¹² /L	(3.6-5.2)
Haematocrit	0.42		(0.33-0.45)
Mean Cell Volume	87	fL	(78-95)
Mean Cell Haemoglobin	29	pg	(26-34)
Platelet Count	290	x10 ⁹ /L	(150-450)
White Cell Count	6.2	x10 ⁹ /L	(4.5-13.0)
Neutrophils	55 %	3.4 x10 ⁹ /L	(2.0-8.0)
Lymphocytes	35 %	2.2 x10 ⁹ /L	(1.5-5.0)
Monocytes	6 %	0.4 x10 ⁹ /L	(0.2-1.0)
Eosinophils	3 %	0.19 x10 ⁹ /L	(0.04-0.40)
Basophils	1 %	0.06 x10 ⁹ /L	(< 0.21)

Automated Comment:

As per ISLH guidelines - Film not reviewed. If a film review is truly indicated, contact the laboratory within 24 hours of collection. Otherwise investigate any highlighted abnormalities as clinically appropriate.

All haematology parameters are within normal limits for age and sex.

** FINAL REPORT - Please destroy previous report **

Tests Completed:FBC

Tests Pending :TFT, IRON STUDIES, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE ZINC

Tests Pending :SE MG, SE CAERULOPLASMIN, BL LEAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH. 4802
Phone: 04 19671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76944338-BFM-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** DR RORY W HUTCHINSON
Copy to:
Dr JANE DE KEYSER

Name of Test: MASTER VITAMIN B12 FOLATE
Requested: 20/11/2024 **Collected:** 23/11/2024 **Reported:** 23/11/2024 17:20

Serum Vitamin B12 Assay	547	pmol/L	(162-811)
Serum Folate Assay	25.0	nmol/L	(8.4-55.0)

Comment:

Serum Folate Assay:
Adequate Serum Folate.
In the absence of recent oral intake, a serum folate >13 nmol/L effectively rules out folate deficiency. Consider repeat fasting Folate, if there has been inadequate fasting, and clinical concern remains.

Serum Vitamin B12 Assay:
Essentially normal B12 levels, although liver disease if present may falsely elevate the level.

Methodology:
B12 and Active B12 (HoloTC) assays performed on Siemens Atellica analyser.

For Doctor clinical enquiries, please contact Dr Peter Davidson 07 3121 4444.
Patients should contact their referring doctor in regard to this result.

Tests Completed:FBC, SERUM FOLATE, SERUM VITAMIN B12
Tests Pending :TFT, IRON STUDIES, SE E/LFT, SE ZINC, SE MG, SE CAERULOPLASMIN
Tests Pending :BL LEAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 42618664565
Your Reference: Lab Reference: 24-76944338-MG-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER Referred by: DR RORY W HUTCHINSON
Copy to:
Dr JANE DE KEYSER

Name of Test: MAGNESIUM,SERUM
Requested: 20/11/2024 Collected: 23/11/2024 Reported: 23/11/2024 17:22

Serum Magnesium 0.8 mmol/L (0.7-1.1)

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE MG
Tests Pending :TFT, SE ZINC, SE CAERULOPLASMIN, BL LEAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 42618664565
Your Reference: Lab Reference: 24-76944338-25T-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER Referred by: DR RORY W HUTCHINSON
Copy to:
Dr JANE DE KEYSER

Name of Test: E/LFT (MASTER)
Requested: 20/11/2024 Collected: 23/11/2024 Reported: 23/11/2024 17:22

SERUM CHEMISTRY - RANDOM
Sodium 141 mmol/L (137-147)
Potassium 3.8 mmol/L (3.5-5.0)
Chloride 106 mmol/L (96-109)
Bicarbonate 28 mmol/L (25-33)
Other Anions 11 mmol/L (4-17)

Glucose	4.3	mmol/L	random (3.0-7.7)
Urea	6.4	mmol/L	(2.5-7.5)
Creatinine	59	umol/L	(40-120)
Uric Acid	0.31	mmol/L	(0.12-0.45)
Total Bilirubin	7	umol/L	(2-20)
Alk. Phos.	148	U/L	(30-300)
Gamma G.T.	18	U/L	(0-70)
ALT	12	U/L	(0-45)
AST	18	U/L	(0-41)
LD	152	U/L	(140-320)
Calcium	2.56	mmol/L	(2.15-2.60)
Adjusted for Albumin	2.35	mmol/L	(2.15-2.60)
+ Phosphate	1.8	mmol/L	(0.9-1.7)
Total Protein	77	g/L	(60-82)
Albumin	50	g/L	(35-50)
Globulins	27	g/L	(20-40)
Cholesterol	4.2	mmol/L	(3.1-6.5)
Triglycerides	0.8	mmol/L	random (0.3-4.0)

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE MG
 Tests Pending :TFT, SE ZINC, SE CAERULOPLASMIN, BL LEAD

MASON, JOEL DANIEL
 10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76944338-ISM-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** DR RORY W HUTCHINSON
Copy to:
 Dr JANE DE KEYSER

Name of Test: MASTER IRON STUDIES
Requested: 20/11/2024 **Collected:** 23/11/2024 **Reported:** 23/11/2024 17:22

IRON STUDIES			
Serum Iron	14	umol/L	(10-33)
Transferrin IBC	64	umol/L	(45-70)
Transferrin Saturation	22	%	(16-50)
Serum Ferritin Assay	34	ug/L	(20-140)

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE MG
 Tests Pending :TFT, SE ZINC, SE CAERULOPLASMIN, BL LEAD

MASON, JOEL DANIEL
 10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76944338-ZN-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** DR RORY W HUTCHINSON
Copy to:
 Dr JANE DE KEYSER

Name of Test: ZINC,SERUM
Requested: 20/11/2024 **Collected:** 23/11/2024 **Reported:** 23/11/2024 17:30

Serum Zinc	14	umol/L	(10-25)
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Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE ZINC

Tests Completed:SE MG
Tests Pending :TFT, SE CAERULOPLASMIN, BL LEAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664565
Your Reference: **Lab Reference:** 24-76944338-CAE-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** DR RORY W HUTCHINSON
Copy to:
Dr JANE DE KEYSER

Name of Test: CAERULOPLASMIN,SERUM
Requested: 20/11/2024 **Collected:** 23/11/2024 **Reported:** 23/11/2024 21:26

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:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE ZINC
Tests Completed:SE MG, SE CAERULOPLASMIN
Tests Pending :GAD ANTIBODIES, TFT, BL LEAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664575
Your Reference: **Lab Reference:** 24-76944338-REF-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** DR RORY W HUTCHINSON
Copy to:
Dr JANE DE KEYSER

Name of Test: REFERRED TEST-IMMUNOLOGY
Requested: 20/11/2024 **Collected:** 23/11/2024 **Reported:** 25/11/2024 11:09

AutoImmune Encephalitis

This specimen has been referred to the following testing laboratory:
St Vincents Vic

Tests Completed:IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12, SE E/LFT, SE ZINC
Tests Completed:SE MG, SE CAERULOPLASMIN
Tests Pending :GAD ANTIBODIES, TFT, BL LEAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 **Sex:** M **Medicare Number:** 42618664575
Your Reference: **Lab Reference:** 24-76944338-DAM-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER **Referred by:** DR RORY W HUTCHINSON
Copy to:
Dr JANE DE KEYSER

Name of Test: DIABETES AB MASTER
Requested: 20/11/2024 **Collected:** 23/11/2024 **Reported:** 25/11/2024 12:21

TYPE 1 DIABETES AUTOANTIBODIES

GAD ANTIBODY (EIA) 3.0 IU/mL (Negative)

No antibodies demonstrated.

Anti-GAD ranges Negative : <8.3 IU/mL
Positive : >=8.3 IU/mL

Anti-IA2 ranges Negative : <10.7 IU/mL
Equivocal : 10.7 to 16.5 IU/mL
Positive : >16.5 IU/mL

Anti-GAD, anti-IA2, anti-insulin and anti-islet cell antibodies are associated with type 1 diabetes mellitus (autoimmune diabetes). Measurement of these antibodies is useful in predicting diabetes in first degree relatives of Type 1 diabetic patients, distinguishing between late onset type 1 DM and type 2 DM, and distinguishing between type 1 DM and maturity onset diabetes of the young (MODY).

The positive predictive value of these antibodies for risk of progression to type 1 diabetes mellitus increases with the number of antibody specificities which are positive in an individual and the levels of the antibodies.

Low positive results which are close to the assay cut-off are of doubtful significance and should be interpreted cautiously in the context of clinical findings and other test results (eg C-peptide).

Anti-GAD antibodies may occur in Stiff Person Syndrome. These may be GAD65 or GAD67 antibodies whereas GAD65 antibodies are detected in type 1 DM. This assay detects GAD65 antibodies only.

GAD and IA2 testing is performed on the Maglumi 800 platform using CLIA technology.

Tests Completed: GAD ANTIBODIES, IRON STUDIES, FBC, SERUM FOLATE, SERUM VITAMIN B12
Tests Completed: SE E/LFT, SE ZINC, SE MG, SE CAERULOPLASMIN
Tests Pending : TFT, BL LEAD

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH. 4802
Phone: 04 19671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 42618664575
Your Reference: Lab Reference: 24-76944338-BPB-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER Referred by: DR RORY W HUTCHINSON
Copy to: Dr JANE DE KEYSER

Name of Test: LEAD, BLOOD
Requested: 20/11/2024 Collected: 23/11/2024 Reported: 26/11/2024 12:47

Blood Lead < 0.10 umol/L (0.00-0.23)
Blood Lead (mass units) < 2.1 ug/dL (0.0-4.9)

Tests Completed: GAD ANTIBODIES, TFT, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed: SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE MG, SE CAERULOPLASMIN
Tests Completed: BL LEAD
Tests Pending :

MASON, JOEL DANIEL
10 MOONLIGHT DVE, JUBILEE POCK, AIRLIE BEACH.4802
Phone: 04 19671920
Birthdate: 04/01/2010 Sex: M Medicare Number: 42618664575
Your Reference: Lab Reference: 24-76944338-THY-0
Laboratory: 2184
Addressee: Dr JANE DE KEYSER Referred by: DR RORY W HUTCHINSON
Copy to: Dr JANE DE KEYSER

Name of Test: THYROID TEST MASTER
Requested: 20/11/2024 Collected: 23/11/2024 Reported: 25/11/2024 15:58

Date	24/06/24	23/11/24
Time	09:30	12:15
Lab No	76195594	76944338
TSH	1.0	1.3 mIU/L (0.50-4.00)
free T4	15	18 pmol/L (10-20)
free T3	6.3	7.1 pmol/L (2.8-6.8)

Tests Completed:GAD ANTIBODIES, TFT, IRON STUDIES, FBC, SERUM FOLATE
Tests Completed:SERUM VITAMIN B12, SE E/LFT, SE ZINC, SE MG, SE CAERULOPLASMIN
Tests Pending :BL LEAD