

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE. 4558
Phone: 0401772037
Birthdate: 10/05/1982 Sex: M Medicare Number: 2548242057
Your Reference: 90E7A82C80 Lab Reference: 684059534-H-H900
Laboratory: SNP
Addressee: DR ANDREW T HALLIER Referred by: DR ANDREW T HALLIER

Name of Test: .BLOOD COUNT
Requested: 03/07/2025 Collected: 04/07/2025 Reported: 04/07/2025 15:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematology

	Latest Results			
Date	26-Apr-24	04-Jul-25		
Time F-Fast	0822 F	0758 F		
Lab Id.	525439541	684059534	Reference	Units
Haemoglobin	153	145	(135-175)	g/L
Haematocrit	0.48	0.44	(0.40-0.54)	
RCC	5.2	4.8	(4.5-6.5)	10*12/L
MCV	91	92	(80-100)	fL
WCC	5.4	5.5	(3.5-10.0)	10*9/L
Neutrophils	2.41	2.43	(1.5-6.5)	10*9/L
Lymphocytes	2.25	2.32	(1.0-4.0)	10*9/L
Monocytes	0.66	0.66	(0-0.9)	10*9/L
Eosinophils	0.07	0.10	(0-0.6)	10*9/L
Basophils	0.03	0.02	(0-0.15)	10*9/L
Platelets	242	285	(150-400)	10*9/L

HA

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

Tests Completed: FBE
Tests Pending : Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol,
Calcium(Corr), Ferritin, CRP, Magnesium ,
Liver Function Tests, TSH, Homocysteine, Vitamin D,
Cortisol AM, ESR

Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE. 4558
Phone: 0401772037
Birthdate: 10/05/1982 Sex: M Medicare Number: 2548242057
Your Reference: 90E7A82C80 Lab Reference: 684059534-H-H050
Laboratory: SNP
Addressee: DR ANDREW T HALLIER Referred by: DR ANDREW T HALLIER

Name of Test: ESR
Requested: 03/07/2025 Collected: 04/07/2025 Reported: 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematology

ESR 1 (1 - 12) mm/h

HA

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

Tests Completed: Fasting Lipids,EUCG,Phosphate,HDL-Cholesterol,
Calcium(Corr),Ferritin,CRP,Magnesium ,
Liver Function Tests,TSH,Homocysteine,Vitamin D,
Cortisol AM,FBE,ESR

Tests Pending :

Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE.4558
Phone: 0401772037
Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-C-C847
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: S_LIPID PROFILE
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

Lipid Profile

Cholesterol	7.3 H	(	<5.6	)	mmol/L
Triglyceride	1.4	(	<2.1	)	mmol/L
HDL	1.35	(	>0.89	)	mmol/L
LDL	5.4 H	(	<4.1	)	mmol/L
Tot Chol/HDL	5.4 H	(	<4.6	)	
Non HDLC	5.95 H	(	<3.81	)	mmol/L

Comments on Lab Id: 684059534

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.
Significantly elevated LDL-C. Familial hypercholesterolaemia (FH) should be assessed for if secondary causes of elevated LDL-cholesterol including hypothyroidism, cholestasis and nephrotic syndrome have been excluded: <http://www.athero.org.au/fh/calculator> and recommend referral to lipid specialist for consideration of genetic testing for FH (Medicare-rebate only applies if referred by a non-GP specialist). See www.sonicgenetics.com.au/fh.

CA

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

Tests Completed: Fasting Lipids,EUCG,Phosphate,HDL-Cholesterol,
Calcium(Corr),Ferritin,CRP,Magnesium ,
Liver Function Tests,TSH,Homocysteine,Vitamin D,
Cortisol AM,FBE,ESR

Tests Pending :

Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE.4558
Phone: 0401772037
Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-C-C140
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: S-ROUTINE CHEMISTRY
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38
Clinical notes: Not Provided

Clinical Notes : Not Provided

Chemistry (serum)

Date	Latest Results			
	26-Apr-24	04-Jul-25		
Time F-Fast	0822 F	0758 F		
Lab Id.	525439541	684059534	Reference	Units
Sodium	138	135	(135-145)	mmol/L
Potassium	4.5	4.4	(3.5-5.5)	mmol/L
Chloride	102	101	(95-110)	mmol/L
Bicarbonate	25	28	(20-32)	mmol/L
Anion Gap	11	6	(<16)	mmol/L
Calcium (Corr.)		2.31	(2.10-2.60)	mmol/L
Phosphate		1.03	(0.80-1.50)	mmol/L
Urea	5.5	5.8	(3.0-8.0)	mmol/L
Creatinine	76	77	(60-110)	umol/L
eGFR	>90	>90	(>59)	
Fast. Glucose	4.4	5.3	(3.6-6.0)	mmol/L
Total Protein	75	73	(66-83)	g/L
Albumin	45	42	(35-48)	g/L
Globulin	30	31	(23-43)	g/L
T Bilirubin	14	13	(<21)	umol/L
ALP	69	64	(35-110)	U/L
AST	33	58 H	(10-40)	U/L
ALT	40	117 H	(5-40)	U/L
GGT	25	30	(5-50)	U/L
Cholesterol		7.3 H	(<5.6)	mmol/L
Triglyceride		1.4	(<2.1)	mmol/L
Magnesium		0.84	(0.70-1.10)	mmol/L
Haemolysis Index	6	5	(<40)	mg/dL

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Tests Completed: Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol,
 Calcium(Corr), Ferritin, CRP, Magnesium ,
 Liver Function Tests, TSH, Homocysteine, Vitamin D,
 Cortisol AM, FBE, ESR

Tests Pending :

Sample Pending :

AITKEN, LUKE
 5/10 ALEXANDRA PDE, MAROOCHYDORE. 4558
Phone: 0401772037
Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-C-H245
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: .ANAEMIA
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38
Clinical notes: Not Provided

Clinical Notes : Not Provided

Haematinics

		Latest Results			
Date	26-Apr-24	04-Jul-25			
Time F-Fast	0822 F	0758 F			
Lab Id.	525439541	684059534	Reference	Units	
Iron	22		(5-30)	umol/L	
Transferrin	2.2		(1.9-3.1)	g/L	
TIBC	56		(47-77)	umol/L	
Trans Sat	39		(20-45)	%	
Ferritin	210	273	(30-300)	ug/L	
CRP		3.5	(<5)	mg/L	

Comments on Collection 04-Jul-25 0758 F:

Ferritin

Normal iron stores.

Note that in uraemic patients a functional iron deficiency may be present at ferritin levels up to 200 ug/L.

CA

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

Tests Completed: Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol, Calcium(Corr), Ferritin, CRP, Magnesium , Liver Function Tests, TSH, Homocysteine, Vitamin D, Cortisol AM, FBE, ESR

Tests Pending :

Sample Pending :

AITKEN, LUKE

5/10 ALEXANDRA PDE, MAROOCHYDORE. 4558

Phone: 0401772037

Birthdate: 10/05/1982 Sex: M Medicare Number: 2548242057

Your Reference: 90E7A82C80 Lab Reference: 684059534-C-C290

Laboratory: SNP

Addressee: DR ANDREW T HALLIER Referred by: DR ANDREW T HALLIER

Name of Test: S-C REACTIVE PROTEIN

Requested: 03/07/2025 Collected: 04/07/2025 Reported: 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

C Reactive Protein

CRP 3.5 (<5) mg/L

Comments on Lab Id: 684059534

CRP is a more sensitive early indicator of an acute phase response than is ESR. It also returns towards normal more rapidly with improvement or resolution of the disease process.

If CRP is elevated, it can indicate disease activity of an inflammatory, infective or neoplastic nature.

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: Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol,

Calcium(Corr),Ferritin,CRP,Magnesium ,
Liver Function Tests,TSH,Homocysteine,Vitamin D,
Cortisol AM,FBE,ESR

Tests Pending :
Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE.4558
Phone: 0401772037
Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-V-V109
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: HOMOCYSTEINE
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

SS

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

Tests Completed: Fasting Lipids,EUCG,Phosphate,HDL-Cholesterol,
Calcium(Corr),Ferritin,CRP,Magnesium ,
Liver Function Tests,TSH,Homocysteine,Vitamin D,
Cortisol AM,FBE,ESR

Tests Pending :
Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE.4558
Phone: 0401772037
Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-E-E030
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: S- THYROID FUNCTION
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

Thyroid Function Tests

			Latest Results	
Date	26-Apr-24		04-Jul-25	
Time F-Fast	0822 F		0758 F	
Lab Id.	525439541		684059534	Reference Units
Free T4	11.8		(9.0-19.0)	pmol/L
Free T3	4.2		(3.1-6.0)	pmol/L
TSH	2.1	2.9	(0.3-3.5)	mIU/L

Comments on Collection 04-Jul-25 0758 F:
Euthyroid

EA

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

Tests Completed: Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol,
Calcium(Corr), Ferritin, CRP, Magnesium ,
Liver Function Tests, TSH, Homocysteine, Vitamin D,
Cortisol AM, FBE, ESR

Tests Pending :
Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE. 4558
Phone: 0401772037
Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-E-E310
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: S-HOMOCYSTEINE
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

Homocysteine

Homocysteine 6.8 (<15) umol/L
Comments on Collection 684059534

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

EA

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<https://sdrviewer.apps.sonichealthcare.com/?GUID=87F3CD48-58A1-11F0-B895-910523733610&hostCode=SNP&shareType=1>

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

Tests Completed: Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol,
Calcium(Corr), Ferritin, CRP, Magnesium ,
Liver Function Tests, TSH, Homocysteine, Vitamin D,
Cortisol AM, FBE, ESR

Tests Pending :
Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE. 4558
Phone: 0401772037

Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-E-E935
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: .VIRTUAL VITD
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

Vitamin D

		Latest Results		
Date	12-Jul-24	04-Jul-25		
Time F-Fast	0907	0758 F		
Lab Id.	525949115	684059534	Reference	Units
250H Vit D	120	127	(50-150)	nmol/L

Comments on Collection 04-Jul-25 0758 F:
Adequate Vitamin D.
Vitamin D measured by Diasorin Liaison.

EA

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

Tests Completed: Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol,
Calcium(Corr), Ferritin, CRP, Magnesium ,
Liver Function Tests, TSH, Homocysteine, Vitamin D,
Cortisol AM, FBE, ESR

Tests Pending :
Sample Pending :

AITKEN, LUKE
5/10 ALEXANDRA PDE, MAROOCHYDORE. 4558
Phone: 0401772037
Birthdate: 10/05/1982 **Sex:** M **Medicare Number:** 2548242057
Your Reference: 90E7A82C80 **Lab Reference:** 684059534-E-E557
Laboratory: SNP
Addressee: DR ANDREW T HALLIER **Referred by:** DR ANDREW T HALLIER

Name of Test: S- CORTISOL
Requested: 03/07/2025 **Collected:** 04/07/2025 **Reported:** 04/07/2025 16:38

Clinical notes: Not Provided

Clinical Notes : Not Provided

Cortisol

Cortisol am	343	(100 - 535)	nmol/L
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EA

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

Tests Completed: Fasting Lipids, EUCG, Phosphate, HDL-Cholesterol,
Calcium(Corr), Ferritin, CRP, Magnesium ,
Liver Function Tests, TSH, Homocysteine, Vitamin D,
Cortisol AM, FBE, ESR

Tests Pending :
Sample Pending :