

MACKEN, HAYLEE
 27 PORTOBELLO DR, MERMAID WATERS. 4218
 Phone: 0405550242
 Birthdate: 20/01/1985 Sex: F Medicare Number: 3404144939
 Your Reference: F6E8895FBE Lab Reference: 509711470-C-C847
 Laboratory: SNP
 Addressee: DR HARLEY J GORDON Referred by: DR HARLEY J GORDON

Name of Test: S- LIPID PROFILE
 Requested: 28/06/2024 Collected: 29/06/2024 Reported: 30/06/2024
 07:44

Clinical notes: Fatigue

Clinical Notes : Fatigue

Lipid Profile

				Latest Results		
Date	29-Oct-21	13-Aug-22	03-Aug-23	29-Jun-24		
Time F-Fast	0934	0846 F	1146	0739 F		
Lab Id.	662108506	668016926	682757557	509711470	Reference	Units
Cholesterol	5.1	4.6	5.4	5.6 H	(<5.6)	mmol/L
Triglyceride	1.0	0.7		0.9	(<2.1)	mmol/L
HDL	1.36	1.55		1.40	(>1.09)	mmol/L
LDL	3.3	2.7		3.8	(<4.1)	mmol/L
Chol/HDL Ratio	3.8	3.0		4.0	(<4.6)	
Non HDLC	3.74	3.05		4.20 H	(<3.81)	mmol/L

Comments on Collection 29-Jun-24 0739 F:

HDL-Cholesterol

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

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

TARGET LEVELS:

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

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

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

CA

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

Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TTTH, FBE
 Tests Pending : HbA1c
 Sample Pending :

MACKEN, HAYLEE
27 PORTOBELLO DR, MERMAID WATERS. 4218
Phone: 0405550242
Birthdate: 20/01/1985 Sex: F Medicare Number: 3404144939
Your Reference: F6E8895FBE Lab Reference: 509711470-C-H245
Laboratory: SNP
Addressee: DR HARLEY J GORDON Referred by: DR HARLEY J GORDON

Name of Test: .ANAEMIA
Requested: 28/06/2024 Collected: 29/06/2024 Reported: 30/06/2024
07:44

Clinical notes: Fatigue

Clinical Notes : Fatigue

Haematinics

				Latest Results		
Date	29-Oct-21	03-Aug-23	28-Aug-23	29-Jun-24		
Time F-Fast	0934	1146	0830	0739 F		
Lab Id.	662108506	682757557	686715554	509711470	Reference	Units
Iron	10			7	(5-30)	umol/L
Transferrin	2.7			2.7	(1.9-3.1)	g/L
TIBC	68			68	(47-77)	umol/L
Trans Sat	15 L			10 L	(20-45)	%
Ferritin	34			48	(30-250)	ug/L
CRP		13 H	8 H		(<5)	mg/L
Vitamin B12	192				(>150)	pmol/L
Active B12	68				(>35)	pmol/L
Folate serum	34				(>7.0)	nmol/L

Comments on Collection 29-Jun-24 0739 F:

Iron Studies

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

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFTH, FBE
Tests Pending : HbA1c
Sample Pending :

MACKEN, HAYLEE
 27 PORTOBELLO DR, MERMAID WATERS. 4218
 Phone: 0405550242
 Birthdate: 20/01/1985 Sex: F Medicare Number: 3404144939
 Your Reference: F6E8895FBE Lab Reference: 509711470-C-C140
 Laboratory: SNP
 Addressee: DR HARLEY J GORDON Referred by: DR HARLEY J GORDON

Name of Test: S-ROUTINE CHEMISTRY
 Requested: 28/06/2024 Collected: 29/06/2024 Reported: 30/06/2024
 07:44

Clinical notes: Fatigue

Clinical Notes : Fatigue

Chemistry (serum)

Date	Latest Results				Reference	Units
	13-Aug-22	03-Aug-23	28-Aug-23	29-Jun-24		
Time F-Fast	0846 F	1146	0830	0739 F		
Lab Id.	668016926	682757557	686715554	509711470		
Sodium	139	138		141	(135-145)	mmol/L
Potassium	4.4	4.2		4.3	(3.5-5.5)	mmol/L
Chloride	107	105		108	(95-110)	mmol/L
Bicarbonate	26	25		26	(20-32)	mmol/L
Anion Gap	6	8		7	(<16)	mmol/L
Calcium (Corr.)	2.38	2.44		2.36	(2.10-2.60)	mmol/L
Phosphate	1.29	1.17		1.36	(0.80-1.50)	mmol/L
Urea	6.7	6.0		6.2	(2.5-7.0)	mmol/L
Urate	0.351	0.392		0.404 H	(0.150-0.400)	mmol/L
Creatinine	64	76		78	(45-85)	umol/L
eGFR	>90	86		83	(>59)	
Fast. Glucose	5.1			5.5	(3.6-6.0)	mmol/L
Random Glucose		7.9 H			(3.6-7.7)	mmol/L
Total Protein	67	71		70	(64-81)	g/L
Albumin	35	38		36	(33-46)	g/L
Globulin	32	33		34	(23-43)	g/L
T Bilirubin	6	9		10	(<16)	umol/L
ALP	59	60		54	(20-105)	U/L
AST	16	25		15	(10-35)	U/L
ALT	15	34 H		12	(5-30)	U/L
GGT	17	22		19	(5-35)	U/L
LDH	175	196		181	(<250)	U/L
Cholesterol	4.6	5.4		5.6 H	(<5.6)	mmol/L
Triglyceride	0.7			0.9	(<2.1)	mmol/L
Creatine Kinase			88		(30-150)	U/L
Haemolysis Index	3	3	3	2	(<40)	mg/dL

CA

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFTTH, FBE
 Tests Pending : HbA1c
 Sample Pending :

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

Type 2 Diabetes Screening (Diabetes 2)

<http://protocols.sonichealthcare.com/shared/IP092.pdf>

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Phone: 0405550242
Birthdate: 20/01/1985 Sex: F Medicare Number: 3404144939
Your Reference: F6E8895FBE Lab Reference: 509711470-E-E030
Laboratory: SNP
Addressee: DR HARLEY J GORDON Referred by: DR HARLEY J GORDON

Name of Test: S- THYROID FUNCTION
Requested: 28/06/2024 Collected: 29/06/2024 Reported: 30/06/2024
07:44

Clinical notes: Fatigue

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Thyroid Function Tests

	Latest Results					
Date	29-Oct-21	13-Aug-22	28-Aug-23	29-Jun-24		
Time F-Fast	0934	0846 F	0830	0739 F		
Lab Id.	662108506	668016926	686715554	509711470	Reference	Units
Free T4				10.9	(9.0-19.0)	pmol/L
TSH	0.7	0.8	0.4	1.0	(0.3-3.5)	mIU/L

Comments on Collection 29-Jun-24 0739 F:

Euthyroid

Please note that the reference intervals for FT4 have recently changed for patients over 70 years of age and pregnant women.

Please contact the laboratory on 3377 8530 if you require further information.

EA

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TTTH, FBE
Tests Pending : HbA1c
Sample Pending :

MACKEN, HAYLEE
 27 PORTOBELLO DR, MERMAID WATERS. 4218
 Phone: 0405550242
 Birthdate: 20/01/1985 Sex: F Medicare Number: 3404144939
 Your Reference: F6E8895FBE Lab Reference: 509711470-H-H900
 Laboratory: SNP
 Addressee: DR HARLEY J GORDON Referred by: DR HARLEY J GORDON

Name of Test: .BLOOD COUNT
 Requested: 28/06/2024 Collected: 29/06/2024 Reported: 30/06/2024
 07:44

Clinical notes: Fatigue

Clinical Notes : Fatigue

Haematology

Date	Latest Results				Reference	Units
	29-Oct-21	13-Aug-22	03-Aug-23	29-Jun-24		
Time F-Fast	0934	0846 F	1146	0739 F		
Lab Id.	662108506	668016926	682757557	509711470		
Haemoglobin	121	128	130	125	(115-165)	g/L
Haematocrit	0.37	0.40	0.40	0.39	(0.35-0.47)	
RCC	4.3	4.5	4.6	4.5	(3.9-5.6)	10*12/L
MCV	86	89	86	86	(80-100)	fL
WCC	6.4	7.0	9.6	7.6	(3.5-12.0)	10*9/L
Neutrophils	4.76	4.92	7.67	5.18	(1.5-8.0)	10*9/L
Lymphocytes	1.14	1.36	1.35	1.71	(1.0-4.0)	10*9/L
Monocytes	0.37	0.38	0.35	0.43	(0-0.9)	10*9/L
Eosinophils	0.10	0.25	0.12	0.22	(0-0.6)	10*9/L
Basophils	0.05	0.07	0.06	0.07	(0-0.15)	10*9/L
Platelets	260	242	305	278	(150-400)	10*9/L

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFFH, FBE
 Tests Pending : HbA1c
 Sample Pending :

MACKEN, HAYLEE
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Phone: 0405550242
Birthdate: 20/01/1985 Sex: F Medicare Number: 3404144939
Your Reference: F6E8895FBE Lab Reference: 509711470-H-E416
Laboratory: SNP
Addressee: DR HARLEY J GORDON Referred by: DR HARLEY J GORDON

Name of Test: HbA1C
Requested: 28/06/2024 Collected: 29/06/2024 Reported: 01/07/2024
13:44

Clinical notes: Fatigue

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HbA1c

HbA1c (NGSP)	5.3	(	<6.5	)	%
HbA1c (IFCC)	35	(	<48	)	mmol/mol

Comments on Collection 509711470

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.

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<https://sdrviewer.apps.sonichealthcare.com/?GUID=0B495EA5-04AB-4618-8528-D4D3A3CC4098&hostCode=SNP&shareType=1>

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TFTH, HbA1c, FBE
Tests Pending :
Sample Pending :

MACKEN, HAYLEE
27 PORTOBELLO DR, MERMAID WATERS. 4218
Phone: 0405550242
Birthdate: 20/01/1985 Sex: F Medicare Number: 3404144939
Your Reference: F6E8895FBE Lab Reference: 509711470-V-V244
Laboratory: SNP
Addressee: DR HARLEY J GORDON Referred by: DR HARLEY J GORDON

Name of Test: .HbA1c Graph
Requested: 28/06/2024 Collected: 29/06/2024 Reported: 01/07/2024
13:44

Clinical notes: Fatigue

Clinical Notes : Fatigue

SS

PDF Image Enhanced Report

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<https://sdrviewer.apps.sonichealthcare.com/?GUID=FBD59343-5AFE-4BDC-A477-217CD16A590D&hostCode=SNP&shareType=1>

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Tests Completed: HDL-Cholesterol, Iron Studies, E/LFT, TPTH, HbA1c, FBE
Tests Pending :
Sample Pending :