

Referrer **Dr Rohan Patel**

Address **PATEL FAMILY DOCTORS 209 THOMPSONS RD
BULLEEN VIC 3105**

Phone **98521797**

Lab ID **972416386**

DOB **28/01/1984 (41 Yrs FEMALE)**

Your ref.

Address **61 PORTER STREET
TEMPLESTOWE VIC 3106**

Phone **0418141345**

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Requested **12/05/2025**

Clinical Notes **Moos swings weight gain tiredness low sun fi**

Collected **06/06/2025 08:18**

Received **06/06/2025 08:21**

Test Name	Result	Units	Reference Interval
S Iron:	12	umol/L	5 - 30
S Transferrin:	2.0	g/L	2.0 - 3.6
Transferrin Saturation:	24	%	10 - 45
S Ferritin:	32	ng/mL	30 - 300

Dept Supervising Pathologist: Dr Andrew Carter

MELBOURNE PATHOLOGY NATA NO.:2133

Reported on 06-Jun-25 19:46

Test Name	Result	Units	Reference Interval
● S Cholesterol:	6.0 H	mmol/L	3.5 - 5.5
S Triglycerides:	0.6	mmol/L	<1.7
S HDL-Cholesterol:	1.94	mmol/L	>1.20
● S LDL-Cholesterol:	3.8 H	mmol/L	<3.5
Chol/HDLC	3.1		<4.5
● Non HDL Cholesterol	4.1 H	mmol/L	<3.9

Comments

LIPID TARGET LEVELS:

The treatment target levels for people at high risk of cardiovascular disease are:

Total Cholesterol	<4.0 mmol/L
Fasting Triglycerides	<2.0 mmol/L
HDL-Cholesterol	>1.00 mmol/L
LDL-Cholesterol	<2.5 mmol/L (<1.8 mmol/L if very high risk)
Non-HDL Cholesterol	<3.3 mmol/L (<2.5 mmol/L if very high risk)

Source: AACB Harmonised Lipid Reporting Guideline - 2018.

Risk Calculator available at www.cvdcheck.org.au

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THYROID FUNCTION TESTS

Test Name	Result	Units	Reference Interval
TSH (Roche)	0.88	mU/L	0.5 - 5.0

Comments

A normal TSH is consistent with a euthyroid state.

Dept Supervising Pathologist: Dr Andrew Carter

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Test Name	Result	Units	Reference Interval
25-Hydroxy Vitamin D	202	nmol/L	50 - 250

Dept Supervising Pathologist: Dr Andrew Carter

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Reported on 06-Jun-25 21:04

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Test Name	Result	Units	Reference Interval
Total Vitamin B12:	532	pmol/L	200 - 700

Comments

High dose biotin (>5 mg/day) may artefactually increase total Vitamin B12 and Folate results obtained by this method. If the patient is taking 5-20 mg/day of biotin, suggest withhold for at least 8 hours before blood test (if taking 300 mg/day, withhold for at least 72 hours).
For clinicians requiring assistance with interpreting this report, a Chemical Pathologist or Clinical Scientist will be available during office hours on (03) 9287 7733.

Dept Supervising Pathologist: Dr Andrew Carter

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Test Name	Result	Units	Reference Interval
S Sodium:	140	mmol/L	135 - 145
S Potassium:	4.0	mmol/L	3.5 - 5.5
S Chloride:	102	mmol/L	95 - 110
S Bicarbonate:	25	mmol/L	20 - 32
S Urea:	3.8	mmol/L	2.5 - 7.0
S Creatinine:	52	umol/L	45 - 85
eGFR	>90		>59
S Bilirubin:	7	umol/L	3 - 15
S Alkaline Phosphatase:	53	U/L	35 - 110
S Gamma-GT:	7	U/L	5 - 35
S ALT:	13	U/L	5 - 30
S AST:	13	U/L	10 - 35
S Total Protein:	68	g/L	64 - 81
S Albumin:	41	g/L	33 - 46
S Globulin:	27	g/L	23 - 41
S Calcium:	2.28	mmol/L	2.15 - 2.55
S Calcium (corrected)	2.26	mmol/L	2.15 - 2.55
S Inorganic Phosphate:	1.10	mmol/L	0.8 - 1.5
S Magnesium:	0.76	mmol/L	0.70 - 1.10
Fasting S Glucose	5.2	mmol/L	3.6 - 6.0

Comments

eGFR is greater than 90 mL/min/1.73m2. No evidence of kidney disease.

NOTE: Change of reference interval for Alkaline Phosphatase (ALP), effective from 09/12/2024.

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GLYCOHAEMOGLOBIN HbA1c

Test Name	Result	Units	Reference Interval
B Glycosylated Haemoglobin (Hb A1c):	5.1	%	4.4 - 5.6
HbA1c (IFCC)	32	mmol/mol	25 - 38
Estimated Average Glucose	5.5	mmol/L	

Comments

HbA1c is Medicare rebateable, once per year, for diagnosis of diabetes mellitus in high risk people. The diagnostic cut-off is HbA1c $\geq 6.5\%$ (48 mmol/mol) in patients with normal red cell turnover.
For clinical enquiries, please contact Chemical Pathologist
Dr Andrew Carter on 9287 7720.

Dept Supervising Pathologist: Dr Linda Saravanan

MELBOURNE PATHOLOGY NATA NO.:2133

Reported on 09-Jun-25 16:35

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Test Name	Result	Units	Reference Interval
HAEMOGLOBIN	129	g/L	115 - 160
Haematocrit	0.37		0.35 - 0.47
Red cell count	4.0	$\times 10^{12}/L$	3.7 - 5.2
M.C.V.	92	fL	80 - 100
M.C.H.	32	pg	27 - 34
M.C.H.C.	352	g/L	310 - 360
RDW	14.6		11 - 17
PLATELETS	236	$\times 10^9/L$	150 - 450
WHITE CELL COUNT	6.5	$\times 10^9/L$	4.0 - 11.0
Neutrophils	3.9	$\times 10^9/L$	2.0 - 7.5
Lymphocytes	2.0	$\times 10^9/L$	1.0 - 4.0
Monocytes	0.4	$\times 10^9/L$	0 - 1.0
Eosinophils	0.1	$\times 10^9/L$	0 - 0.5
Basophils	0.0	$\times 10^9/L$	0 - 0.3
Nucleated red cells	<1	/100 WCC	

Dept Supervising Pathologist: Dr Linda Saravanan

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Reported on 06-Jun-25 13:27