



Referrer Dr Thu Linh Ly
Address RAGLAN ST FAM MED CTR SHOP 2 43 BELGRAVE STREET
MANLY NSW 2095
Phone 0299778733

Your ref. 010107967
Address 1/1 WAINE STREET
FRESHWATER NSW 2096
Phone 0431224421

Copy to Ms Miia Prowse (0299751775)
Dhm Patient Copy (0298555336)

Requested 05/08/2020
Collected 05/08/2020 09:13 AEDT
Received 05/08/2020 09:18 AEDT

Iron Studies

Test Name	Result	Units	Reference Interval
Iron	9.1	umol/L	5.0 - 30.0
● Transferrin	1.9 L	g/L	2.0 - 3.6
● TIBC (Calculated)	44 L	umol/L	46 - 77
Saturation	21	%	10 - 45
Ferritin	78	ug/L	15 - 200

Supervising Pathologist: GC, NT

NATA ACCREDITATION NO 2178

25-OH Vitamin D

Test Name	Result	Units	Reference Interval
Vitamin D	64	nmol/L	50 - 140

Comments

According to the Position Statement 'Vitamin D and health in adults in Australia and New Zealand' MJA, 196(11):686-687, 2012, Vitamin D status is defined as:

Mild Deficiency	30	-	49 nmol/L
Moderate Deficiency	12.5	-	29 nmol/L
Severe Deficiency	<12.5		nmol/L

Vitamin D adequacy can be defined as a level >49 nmol/L at the end of winter - the level may need to be 10 - 20 nmol/L higher at the end of summer, to allow for seasonal decrease.

From 1st November 2014, Medicare rebates for vitamin D testing will apply to patients at risk of Vitamin D deficiency such as chronic lack of sun exposure.

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Glucose

Test Name	Result	Units	Reference Interval
Glucose Random	4.9	mmol/L	3.6 - 7.8

Supervising Pathologist: GC, NT

NATA ACCREDITATION NO 2178

Thyroid Function

Test Name	Result	Units	Reference Interval
TSH	0.90	mIU/L	0.40 - 3.50

Supervising Pathologist: GC, NT

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Active B12

Test Name	Result	Units	Reference Interval
Active B12	56	pmol/L	>35

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Vitamin B12 and Folate

Test Name	Result	Units	Reference Interval
Vitamin B12	182	pmol/L	135 - 650

Comments

From 8 March 2014, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 340 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

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Haematology

Test Name	Result	Units	Reference Interval
Haemoglobin	139	g/L	119 - 160
Red cell count	4.5	$\times 10^{12}/L$	3.8 - 5.8
Haematocrit	0.41		0.35 - 0.48
MCV	90	fL	80 - 100
MCH	30.6	pg	27.0 - 32.0
MCHC	342	g/L	310 - 360
RDW	13.2		10.0 - 15.0
White cell count	6.0	$\times 10^9/L$	4.0 - 11.0
Neutrophils	3.92	$\times 10^9/L$	2.0 - 7.5
Lymphocytes	1.55	$\times 10^9/L$	1.0 - 4.0
Monocytes	0.39	$\times 10^9/L$	0.0 - 1.0
Eosinophils	0.11	$\times 10^9/L$	0.0 - 0.5
Basophils	0.02	$\times 10^9/L$	0.0 - 0.3
NRBC	<1.0	/100 WBC	<1
Platelets	236	$\times 10^9/L$	150 - 450

Comments

Full blood count is within reference limits

Supervising Pathologist: FH

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Rubella Serology

Rubella IgG (CMIA) 26 IU/mL

Comments

<5 IU/mL: Not immune
5-9 IU/mL: Equivocal
>= 10 IU/mL: Immune

Antibody detected. In an asymptomatic individual this result is consistent with past infection or vaccination and correlates with protective immunity.

Supervising Pathologist: IC

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