

Lab ID 884245977

DOB 07/06/1982 (40 Yrs FEMALE)

Referrer Dr Cecilia Rowe

Your ref.

Address HIGHWAY 50 MED PRAC 50 GREAT WESTERN HIGHWAY  
BLAXLAND NSW 2774

Address 19 PANORAMA CRESCENT  
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Requested 24/01/2023

Clinical Notes NO HISTORY

Collected 25/01/2023 14:49

Received 25/01/2023 14:54

## Iron Studies

Test Name	Result	Units	Reference Interval
Iron	17.8	umol/L	5.0 - 30.0
● Transferrin	3.9 H	g/L	2.0 - 3.6
● TIBC (Calculated)	84 H	umol/L	46 - 77
Saturation	21	%	10 - 45
Ferritin	23	ug/L	15 - 200

## Comments

Serum ferritin levels between 15-30 ug/L may reflect depleted iron stores and iron therapy may be indicated.

NATA ACCREDITATION NO 2178

Reported on 27-01-2023 18:39

## C Reactive Protein (High Sens)

Test Name	Result	Units	Reference Interval
CRP	0.8	mg/L	0.0 - 5.0

NATA ACCREDITATION NO 2178

Reported on 25-01-2023 19:25

## Glucose

Test Name	Result	Units	Reference Interval
Glucose Random	5.0	mmol/L	3.6 - 7.7

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Reported on 25-01-2023 18:36

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### Thyroid Function

Test Name	Result	Units	Reference Interval
TSH	1.20	mIU/L	0.40 - 3.50

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Reported on 27-01-2023 18:39

### Active B12

Test Name	Result	Units	Reference Interval
Active B12	> 128	pmol/L	> 35

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### Haemoglobin A1c

Test Name	Result	Units	Reference Interval
HbA1c (IFCC)	34	mmol/mol	20 - 38
HbA1c (NGSP)	5.2	%	4.0 - 5.6

### Comments

HbA1c less than 48 mmol/mol (6.5%) does not exclude a diagnosis of diabetes mellitus based upon elevated glucose results. The existing diagnostic criteria for fasting and random glucose levels and for oral glucose tolerance testing remain valid, and are the diagnostic tests of choice for gestational diabetes, type 1 diabetes and in the presence of conditions that interfere with HbA1c measurement. Conditions which may affect the measured HbA1c value include any of the haemolytic anaemias, anaemia of chronic disease, severe liver disease, vitamin B12 and/or folate deficiency, the haemoglobinopathies and regular phlebotomy performed for medical indications or for blood donation. It also should be noted that further investigation is required for any inexplicably low HbA1c level or significant discrepancy between HbA1c and glucose results.

Please note that of 19/08/2021, HbA1c measurement changed from the Biorad D-100 to the Sebia Capillars 3 method.

NATA ACCREDITATION NO 2178

Reported on 27-01-2023 04:23

### Vitamin B12 and Folate

Test Name	Result	Units	Reference Interval
Vitamin B12	299	pmol/L	135 - 650
Serum Folate	30.8	nmol/L	> 7.0

### 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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