



Referrer Dr Soji Swaraj  
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CAMPBELLTOWN NSW 2560  
Phone 0246281122

Your ref. 862326137  
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Phone 0419988044

Copy to Ms Alexandra Middleton (0410503376)  
Dr Claudia Nicholson (0281882568)

Requested 15/07/2021  
Collected 21/07/2021 00:00 AEDT  
Received 21/07/2021 12:52 AEDT

## Reproductive Hormones (Abbott Method)

Test Name	Result	Units	Reference Interval
Oestradiol	162	pmol/L	
Progesterone	<0.5	nmol/L	
DHEAS	1.6	umol/L	1.2 - 8.4

## Comments

Oestradiol	Follicular phase	<320
	Preovulatory phase	450 - 2000
	Luteal phase	125 - 1300
	Post-menopausal	<170
Progesterone	Follicular phase	0.3 - 4.0
	Luteal phase	5.5 - 90.0
	Midluteal	8.5 - 110.0
	Post-menopausal	<2.6

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## Biochemistry

Test Name	Result	Units	Reference Interval
Status	Fasting		
Calcium	2.43	mmol/L	2.15 - 2.55
Corrected Calcium	2.35	mmol/L	2.15 - 2.55
Total Protein	74	g/L	64 - 83
Albumin	47	g/L	36 - 47
Globulin	27	g/L	23 - 39

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## Iron Studies

Test Name	Result	Units	Reference Interval
Iron	18.1	umol/L	5.0 - 30.0
Transferrin	3.1	g/L	2.0 - 3.2
TIBC (Calculated)	68	umol/L	46 - 70
Saturation	27	%	10 - 45
Ferritin	54	ug/L	30 - 300

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## Thyroid Function

Test Name	Result	Units	Reference Interval
TSH	2.95	mIU/L	0.40 - 4.00
Free T4	13.2	pmol/L	9.0 - 19.0
Free T3	4.2	pmol/L	2.6 - 6.0

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## Growth Hormone (Immuplute Method)

Growth Hormone 2.5 mIU/L 0 - 15

## Comments

To convert Growth Hormone from mIU/L to ng/ml or ug/L, multiply the result above by 0.333.  
For example, 10.0 mIU/L equals 3.3 ug/L.

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## Insulin (Abbott Architect Method)

Insulin, Fasting 5 mU/L 0 - 20

### Comments

Serum insulin(s) >80 mU/L following a 75g oral glucose load and/or fasting insulin(s) > 14 mU/L (in the absence of insulinoma) are consistent with insulin resistance. Post-load insulin(s) of 60 - 80 mU/L and/or fasting insulin(s) of 10 - 14 mU/L are suggestive of insulin resistance and follow-up may be indicated in the presence of risk factors such as obesity or positive family history.

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## Active B12

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

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## Androgens

Testosterone 0.8 nmol/L 0.1 - 1.5

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IGF-1 (Liaison) 12 nmol/L 7 - 26

### Comments

IGF-1 testing performed on Diasorin Liaison XL.

Reported by Sullivan and Nicolaides Pathology, a member of the Sonic Healthcare Group.

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## Adrenocorticotrophic Hormone (Immulate Method)

ACTH 2.4 pmol/L <12.1

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## Cortisol

Cortisol am 361 nmol/L 138 - 650  
Collection Time 0856 Hrs

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## Vitamin B12 and Folate

Test Name	Result	Units	Reference Interval
Serum Folate	35.2	nmol/L	> 7.0

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## Serum Protein Electrophoresis (EPG)

Total Protein	74	g/L	64 - 83
Albumin	41	g/L	37 - 50
Total Globulin	33	g/L	22 - 38
Alpha 1 Globulin	2.6	g/L	1.0 - 3.0
Alpha 2 Globulin	10.8 H	g/L	4.0 - 10.0
Beta Globulin	8.7	g/L	5.0 - 11.0
Gamma Globulin	10.7	g/L	7.0 - 16.0

## Comments

Slightly elevated alpha 2 globulin consistent with acute phase response.

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## Serum Protein Immunofixation (IFE)

IFE identifies:

Trace of oligoclonal IgG with (kappa+lambda) light chains  
Suggest review in 3-6 months if clinically indicated.

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