

Lab ID 944382681

DOB 11/08/1969 (55 Yrs FEMALE)

Referrer Dr Vanessa Thorn

Your ref. 14013

Address YOURGP@CRACE4KIDS UNIT 3/5 BARATTA STREET  
CRACE ACT 2911Address 10 THUNDER CIRCUIT  
HARRISON ACT 2914

Phone 0261090000

Phone 0401759734

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Requested 09/09/2024

Clinical Notes f/u iron deficiency. Joint pains, ongoing PV bleeding late  
menopause. Fasting.

Collected 28/09/2024 11:49

Received 28/09/2024 11:49

## GENERAL BIOCHEMISTRY

Test Name	Result	Units	Reference Interval	Comment
Fasting Glucose	3.9	mmol/L	3.6 - 6.0	

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28-09-2024 15:36

## IRON STUDIES

Test Name	Result	Units	Reference Interval	Comment
Iron	16.8	umol/L	5.0 - 30.0	
Transferrin	2.5	g/L	2.0 - 3.2	
Saturation	27	%	10 - 45	
Ferritin	39	ug/L	30 - 300	

Iron stores are borderline low.

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## THYROID FUNCTION TESTS

Test Name	Result	Units	Reference Interval	Comment
TSH	1.0	mIU/L	0.40 - 4.0	

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## SPECIFIC PROTEINS

Test Name	Result	Units	Reference Interval	Comment
CRP	2	mg/L	<5	
Rheum. Fact.	<20	kIU/L	<30	

Limitations of Rheumatoid Factor testing:

1. Up to 20% of patients with rheumatoid arthritis do not have detectable levels of serum rheumatoid factor; and
2. Rheumatoid factor has been detected in sera from healthy individuals not afflicted with rheumatoid arthritis.

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## VITAMIN B12 AND FOLATE STUDIES

Test Name	Result	Units	Reference Interval	Comment
Vit. B12	252	pmol/L	>170	
Active B12	83	pmol/L	>35	
Serum Folate	16.0	nmol/L	>5.9	

Normal active Vitamin B12 (Holo-transcobalamin) and total Vitamin B12 levels indicate normal Vitamin B12 status.

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## HORMONE ASSAYS

Prolactin 189 mIU/L &lt;480

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## HAEMATOLOGY

HAEMOGLOBIN	145	115 - 165	g/L
Haematocrit	0.42	0.35 - 0.47	L/L
Red cell count	4.6	3.8 - 5.8	x 10 <sup>12</sup> /L
Mean cell volume	93	80 - 100	fL
Mean cell haemoglobin	31.9	27.0 - 33.0	pg
Mean cell haemoglobin conc.	344	310 - 360	g/L
WHITE CELL COUNT	4.2	4.0 - 11.0	x 10 <sup>9</sup> /L
Neutrophils 54.8 %	2.3	2.0 - 7.5	x 10 <sup>9</sup> /L
Lymphocytes 28.6 %	1.2	1.0 - 4.0	x 10 <sup>9</sup> /L
Monocytes 7.1 %	0.3	<1.1	x 10 <sup>9</sup> /L
Eosinophils 9.5 %	0.4	<0.6	x 10 <sup>9</sup> /L
Basophils 0.0 %	0.0	<0.3	x 10 <sup>9</sup> /L
Nucleated red cells	0		per hundred white cells
PLATELETS	239	150 - 400	x 10 <sup>9</sup> /L
E.S.R.	7	<36	mm/hr

Haematological parameters show no significant abnormality.

HA

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## AUTOIMMUNE SEROLOGY

Antinuclear Antibodies	Positive *
Titre	
Nucleolar	80

A low titre ANA is not disease specific and should be interpreted according to the clinical findings and repeated in 3 months if indicated.

SS

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01-10-2024 16:22

## VITAMIN STUDIES

Test Name	Result	Units	Reference Interval	Comment
25-OH Vitamin D	79	nmol/L	50 - 140	

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 &lt;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.

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CCP Abs (Alinity) 5 H &lt;5 U/mL

Cyclic citrullinated peptide (CCP) antibodies occur in 70% of patients with rheumatoid arthritis. CCP antibodies may precede detectable RF and development of CCP antibodies in RF positive patients heralds more severe, erosive active disease.

Please note: Change in analyser platform from Abbott Architect to Abbott Alinity method from 02/07/2024.

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30-09-2024 15:33