

Surname : Conheeney  
Forename : Bethany  
Date of birth : 12/04/1998  
Sample Number: YRV-240540341  
Sex : Female  
Lab No : 6103  
Sample Dated : 14/05/2024 10:00  
Sample Received : 15/05/2024 11:46  
Result Reported : 15/05/2024 16:11  
Sample Type: V - EDTA / V - Yellow

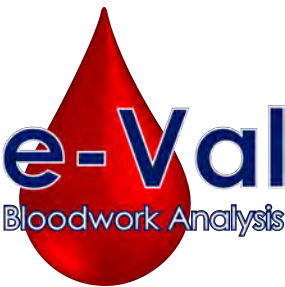
Test	Patient Result	Normal Range	Units
<b>Full Blood Count</b>			
Haemoglobin	128	120 - 160	g/L
Red Blood Cell	4.16	3.80 - 5.80	x10 <sup>12</sup> /L
Haematocrit	0.391	0.350 - 0.470	L/L
Mean Cell Volume	94	75 - 97	fL
Red Cell Distribution	13	11.5 - 14.4	%
Mean Cell Hb	30.7	27.0 - 33.0	pg
MCHC	327	300 - 350	g/L
Platelets	299	150 - 400	x10 <sup>9</sup> /L
MPV	10.7	7 - 13	fL
White Blood Cells	9.29	3.0 - 10.0	x10 <sup>9</sup> /L
Neutrophils	6.79	2.0 - 7.5	x10 <sup>9</sup> /L
Monocytes	H 1.04	0.2 - 1.0	x10 <sup>9</sup> /L
Basophils	0.03	0 - 0.10	x10 <sup>9</sup> /L
Eosinophils	0.11	0 - 0.4	x10 <sup>9</sup> /L
Lymphocytes	1.32	1.2 - 3.65	x10 <sup>9</sup> /L
<b>Biochemistry</b>			
CRP	1.53	<5.0	mg/l
Albumin	45.5	35.0 - 50.0	g/l
CK	43	26 - 192	U/l
Iron	6.55	5.80 - 34.50	umol/l
Total Protein	70.1	60 - 80	g/l
Globulin	25	19 - 35	g/l
Ferritin	55.43	13.0 - 150	ug/l
HbA1c-(IFCC)	32.79	20 - <42 Non-diabetic 42 - <48 Prediabetes >= 48 Diabetes 48 - 59 Good control	mmol/mol

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Test	Patient Result	Normal Range	Units
<b>Kidney Function</b>			
Urea	5.8	2.8 - 7.8	mmol/l
Creatinine	76	45.0 - 84.0	umol/l
Sodium	140.4	133.0 - 146.0	mmol/l
eGFR (Caucasian Only)	80	>60 unless evidence of CKD	ml/min/1.73m <sup>2</sup>
<b>Liver Function</b>			
GGT	10	5.0 - 36.0	U/l
ALP	42	30 - 130	U/l
ALT	7.7	<35.0	U/l
Total Bilirubin	4	<24	umol/l
<b>Bone Screen</b>			
Uric Acid	294	140 - 360	umol/l
<b>Lipids</b>			
Cholesterol	3.81	<5.0	mmol/l
HDL	1.34	>1.1	mmol/l
LDL	2.02	<3.0	mmol/l
Triglycerides	0.65	<1.70	mmol/l
Non HDL Cholesterol	2.47	< 4.0	nmo/l
Chol: HDL ratio	2.84	< 4.0	ratio
<b>Hormones</b>			
Testosterone	1.46	0.29 - 1.67	nmol/l
Cortisol	477.1	6am - 10am 166 - 507 4pm - 8pm 73.8 - 291	nmol/l
Prolactin	439.6	102 - 496	mU/L

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Test	Patient Result	Normal Range	Units
Oestradiol	275.7	Follicular 45.4 - 854 Ovulation 151 - 1461 Luteal 82 - 1251 Postmenopause <100	pmol/l
Progesterone	2.26	Follicular 0.181 - 2.84 Periovulatory 0.385 - 38.1 Luteal 5.82 - 75.9 Postmenopause <0.401	nmol/l
LH	7.27	Follicular 2.4 - 12.6 Ovulation 14.0 - 95.6 Luteal 1.0 - 11.4 Postmenopause 7.7 - 58.5	IU/l
FSH	5.04	Follicular 3.5-12.5 Ovulation 4.7-21.5 Luteal 1.7-7.7 Postmenopause 25.8-134.8	IU/l
<b>DHEA-S</b>	<b>H 13.38</b>	<b>2.68 - 9.23</b>	<b>umol/l</b>
SHBG	43	32.4 - 128.0	nmol/l
Free Testosterone	0.022	0.003 - 0.3	nmol/l
<b>Thyroid Function</b>			
Free T4	13.65	12 - 22	pmol/l
TSH	2.88	0.270 - 4.200	mU/l
Free T3	4.63	3.1 - 6.8	pmol/l
<b>Markers</b>			
Total PSA	< 0.006		ng/ml
<b>Immunology</b>			
Anti-Thyroglobulin Abs	23.27	< 115	IU/ml
Anti-Thyroidperoxidase abs	20.14	0.10 - 34.00	IU/ml



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<b>Vitamins</b>			
Vitamin B12	251	180 - 700	pmol/l
Folate	L 5.08	8.83 - 60.8	nmol/l
Vitamin D 3	97.3	Optimal 75-200 Adequate 50-<75 Insufficient 25 -<50 Deficient <25	nmol/l