

171481
WILLIAMS, AMY JANET
54 COOLIBAH AVE
DUDLEY PARK 6210
DOB: 05/02/92

Sex: F

PATIENT'S COPY

Ref. by DR.REBECCA LEE
Collection Date: 17/02/21 06:05

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VITAMIN B12 and FOLATE (serum)

Vitamin B12 : 723 pmol/L (< 120 Deficient)
(150-750 Normal)

Serum Folate : 21.3 nmol/L (< 5.0 Deficient)
(=> 5.0 Normal)

COMMENT: Normal Vitamin B12 and serum folate levels.

Patient supplementation with high dose biotin may falsely increase serum folate (Centaur assay). If concerned with the result, consider withholding biotin for 24 hours prior to repeating the test. Please contact the laboratory for further information.

17/02/21 Tests : TF,LPD,IRS,HAE,BF,VID,LFT,WE,CI

706/846:603

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ROUTINE HAEMATOLOGY (Whole Blood)

(RCC 4.70) x 10¹²/L
(PCV 0.410)
(MCH 29.4) pg

HAEMOGLOBIN
MCV
MCHC
RDW

137 (115 - 155) g/L
88 (81 - 97) fL
334 (320 - 360) g/L
13 (< 16) %

PLATELETS 349 (150 - 400) x 10⁹/L

WHITE CELLS 9.6 (4.0 - 11.0) x 10⁹/L

Neut 40% 3.8 (1.8 - 7.5) " "

* Lymph 51% **4.9** (1.3 - 4.0) " "

Mono 8% 0.8 (0.1 - 1.2) " "

Eosin 1% 0.1 (< 0.7) " "

COMMENT: Borderline lymphocytosis. Red cells and platelets within normal limits.

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CUMULATIVE IRON STUDIES (serum)

Date	Iron umol/L	Transferrin umol/L	TFN Satn %	Ferritin ug/L	Lab.No.
12/11/19				11	84100475
24/04/20	18	33	27	20	84623589
27/08/20	13	31	21	218	85231760
03/11/20	15	27	28	168	86084213
17/02/21	16	31	26	169	86436030

Ref: (11 - 27) (20 - 45) (15 - 55) (30 - 200)

86436030 Ferritin suggests adequate iron stores.

Iron Studies Update 29/03/2016

The ferritin reference range has been updated with adult lower limits

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of 30 now for all. The reports have also been updated to take account of the following:

- As ferritin is influenced by acute phase responses results in the lower-normal range (30-100) may not exclude iron deficiency.
- Ferritin levels >100 and < upper limit usually reflect adequate iron stores.
- Serum iron is useless in determining tissue iron stores.

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LIVER FUNCTION TESTS (Serum)

Total Bilirubin	7 umol/L	(< 16)
Alk. Phos	109 U/L	(30 - 110)
Gamma GT	23 U/L	(< 31)
ALT	22 U/L	(< 31)
Albumin	45 g/L	(38 - 50)
Total Protein	78 g/L	(60 - 80)

25-HYDROXY VITAMIN D (serum)

SERUM VITAMIN D STUDY

-- 25-hydroxy Vitamin D 96 nmol/L (> 50)

Levels greater than 75 nmol/L probably indicate sufficient Vitamin D.
(Hollick. NEJM 2007;Vol 357:3 266-281)

NOTE: Vitamin D performed on Diasorin Liaison

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CUMULATIVE THYROID FUNCTION TEST (serum)

	TSH (mIU/L) (0.40 - 4.00)	FT4 (pmol/L)	FT3 (pmol/L)	Lab.No.
30/01/19	0.92			82060702
11/05/19	0.62			82894485
24/04/20	0.56			84623589
03/11/20	0.72			86084213
17/02/21	1.16			86436030
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CUMULATIVE ELECTROLYTES (Serum)

Date	Time	Na mmol/L (135 - 145)	K mmol/L (3.5 - 5.2)	Cl mmol/L (95 - 110)	HCO3 mmol/L (22 - 32)	Urea mmol/L (3.0 - 8.0)	Creat umol/L (45 - 90)	Lab.No.
17/02/21	06:05	139	4.3	103	28	4.1	60	86436030

eGFR : > 90 mL/min/1.73m²

EGFR by CKD-EPI formula (Med J Aust 2012; 197:222 -223).

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ENDOCRINOLOGY (Serum)

Cortisol (AM) 06:05 : 385 nmol/L

Reference range : AM (150 - 600)

Instrument: Siemens Centaur

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LIPIDS (Serum)

Date	Chol mmol/L (< 5.5)	Trig mmol/L (< 2.0)	HDL-C mmol/L (> 1.1)	LDL-C mmol/L (< 3.4)	Ratio (See) (Below)	Lab. No.
17/02/21 Unknown	4.6	1.5	1.3	2.6	3.5	86436030

Coronary Risk Ratio Ref Values: Average = 4.4 Twice Average = 7.0

86436030 National Heart Foundation Lipid Targets
Chol < 4.0 , Trig < 2.0 , HDL Chol > 1.0 , LDL Chol < 2.5 .
Please note: Non-HDL cholesterol > 2.4 mmol/L (Non-HDL
cholesterol = total cholesterol minus HDL cholesterol)

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