

DHM - Reference No: 896856911 Status: F

Patient: Michelle WHALEY **Linked by:** A/Prof David van der Poorten
DOB: 08/07/1988 **Message:** Quick-linked, no action
Address: 24 Goodin Rd BAULKHAM HILLS 2153
Ordered by: Assoc Prof David VAN DER POORTEN on 10/06/2025
Copy to: Dr Anna Vass Email Patient Copy
Collected: 12/08/2025 - 12:36 PM **Notified by:** on 00/00/0000
Reported: 15/08/2025 **Message:**

NO HISTORY

Heavy Metals

Serum Zinc 12 umol/L (10 - 18)

Comment on Lab ID 896856911

NATA Accreditation No 2178

Tests Completed: LFT(s),C(s),UCreat(s),E(s),Phos(s),Iron(s),Ca(s),
CRP(s),Mg(s),Vit D(s),Zn(s), TFT(s),FBC(e),Selenium(e)

Tests Pending :

Sample Pending :

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Reported: 14/08/2025 **Message:**

NO HISTORY

Selenium

Selenium-plasma 1.3 (0.7 - 2.0) umol/L

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As of 22/05/23 the SNP Reference Intervals for plasma selenium have been updated

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

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CRP(s),Mg(s),Vit D(s), TFT(s),FBC(e),Selenium(e)

Tests Pending : Zn(s)
Sample Pending :

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Reported: 13/08/2025 **Message:**

NO HISTORY

Date	09/11/16	06/04/23	12/08/25		
Time F-Fast	1310	0953 F	1236		
Lab ID	262213699	886381579	896856911	Units	Reference
Vitamin D	96	102	101	nmol/L	(50-140)

Comments on Collection 12/08/25 1236:
 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	<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.
 From 1st November 2014, Medicare rebates for vitamin D testing will apply to patients at risk of Vitamin D deficiency such as chronic lack of sun exposure.

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 CRP(s), Mg(s), Vit D(s), TFT(s), FBC(e)
 Tests Pending : Zn(s), Selenium(e)
 Sample Pending :

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NO HISTORY

TFT

Date	03/05/13	09/11/16	06/04/23	12/08/25		
Time F-Fast	Unkn	1310	0953 F	1236		
Lab ID	276841071	262213699	886381579	896856911	Units	Reference
TSH	1.14	1.47	2.15	1.81	mIU/L	(0.40-3.50)
Free T4				13.1	pmol/L	(9.0-19.0)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Phos(s), Iron(s), Ca(s),
CRP(s), Mg(s), TFT(s), FBC(e)

Tests Pending : Vit D(s), Zn(s), Selenium(e)

Sample Pending :

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NO HISTORY

IRON

Date	06/04/23	05/06/23	06/12/24	12/08/25		
Time F-Fast	0953 F	1227	1657	1236		
Lab ID	886381579	887016900	891799859	896856911	Units	Reference
Iron	20.7	25.1	9.1	21.1	umol/L	(5.0-30.0)
Transferrin	H 4.3	H 4.1	2.4	2.4	g/L	(2.0-3.6)
TIBC (Calc)	H 91	H 88	54	54	umol/L	(46-77)
Saturation	23	29	17	39	%	(10-45)
Ferritin	L 14	L 10	63	42	ug/L	(15-200)

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Tests Completed: LFT(s), C(s), UCreat(s), E(s), Phos(s), Iron(s), Ca(s),
CRP(s), Mg(s), TFT(s), FBC(e)

Tests Pending : Vit D(s), Zn(s), Selenium(e)

Sample Pending :

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NO HISTORY

Date	08/04/21	17/11/22	06/12/24	12/08/25		
Time F-Fast	1140 F	1214	1657	1236		
Lab ID	843814793	863383582	891799859	896856911	Units	Reference
CRP	4.0	H 7.5	H 5.8	1.6	mg/L	(0.0-5.0)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Phos(s), Ca(s), CRP(s),
Mg(s), FBC(e)

Tests Pending : Iron(s), Vit D(s), Zn(s), TFT(s), Selenium(e)

Sample Pending :

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NO HISTORY

BIOCHEMISTRY

Date	08/04/21	17/11/22	06/12/24	12/08/25		
Time F-Fast	1140 F	1214	1657	1236		
Lab ID	843814793	863383582	891799859	896856911	Units	Reference
Sodium	140	137	140	141	mmol/L	(135-145)
Potassium	4.2	4.2	3.9	4.2	mmol/L	(3.5-5.5)
Chloride	107	105	109	105	mmol/L	(95-110)
Bicarbonate	23	21	20	29	mmol/L	(20-32)
Urea	3.8	3.4	5.4	5.6	mmol/L	(2.5-7.0)
Creatinine	60	55	60	55	umol/L	(45-85)
eGFR	>90	>90	>90	>90	mL/min/1.73m2	(>59)
Calcium	2.41	2.32	2.28	2.34	mmol/L	(2.15-2.55)
Corr Calcium	2.41	2.36	2.28	2.32	mmol/L	(2.15-2.55)
Magnesium.	0.71	0.75	0.84	0.87	mmol/L	(0.65-1.00)
Phosphate.	0.92	1.02	0.90	1.05	mmol/L	(0.8-1.5)
Bili.Total	12	9	9	9	umol/L	(3-15)
ALP	52	56	51	50	U/L	(20-105)
GGT	10	13	13	14	U/L	(5-35)
LD	179	236	233	187	U/L	(120-250)
AST	14	14	19	18	U/L	(10-35)
ALT	8	11	15	17	U/L	(5-30)

Total Protein	71	70	69	L 67	g/L	(68-85)
Albumin	43	41	43	44	g/L	(37-48)
Globulin	28	29	26	23	g/L	(23-39)

Comments on Collection 12/08/25 1236:

eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see [Click here](#)

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Tests Completed: LFT(s), C(s), UCreat(s), E(s), Phos(s), Ca(s), CRP(s),
Mg(s), FBC(e)

Tests Pending : Iron(s), Vit D(s), Zn(s), TFT(s), Selenium(e)

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NO HISTORY

HAEMATOLOGY

Date	06/04/23	05/06/23	06/12/24	12/08/25		
Time F-Fast	0953 F	1227	1657	1236		
Lab ID	886381579	887016900	891799859	896856911	Units	Reference
Haemoglobin	110	113	138	140	g/L	(119-160)
RCC	4.1	4.3	5.1	5.0	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.35	0.36	0.43	0.42		(0.35-0.48)
MCV	85	85	85	84	fL	(80-100)
MCH	27.0	L 26.3	27.3	28.0	pg	(27.0-32.0)
MCHC	319	311	322	332	g/L	(310-360)
RDW	13.8	H 15.9	13.6	13.3		(10.0-15.0)
WCC	10.6	7.9	7.0	9.2	x10 ⁹ /L	(4.0-11.0)
Neutrophils	8.56	5.63	4.36	6.09	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.50	1.70	1.87	2.34	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.45	0.51	0.63	0.58	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.08	0.07	0.15	0.15	x10 ⁹ /L	(0.0-0.5)
Basophils	0.03	0.03	0.02	0.05	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	173	205	241	260	x10 ⁹ /L	(150-450)

Comments on Collection 12/08/25 1236:

Full blood count is within reference limits

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Tests Completed: FBC(e)

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CRP(s), Mg(s), Vit D(s), Zn(s), TFT(s), Selenium(e)

Sample Pending :