

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 257FBD7DAA Lab Reference: 851054183-C-C731
Laboratory: bsp Referred by: DR CORAL SHAW
Addressee: DR CORAL SHAW

Name of Test: Metals, Blood
Requested: 05/08/2024 Collected: 29/08/2024 Reported: 02/09/2024 17:38

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

BLOOD METALS

Date	15/09/23	29/08/24		
Time F-Fast	1122	0948 F		
Lab ID	835518441	851054183	Units	Reference
Copper		H 33	umol/L	(12-22)
ZINC	10	10	umol/L	(10-18)

NATA Accreditation No 2178

Tests Completed: FSH(s), Oest(s), Prog(s), Commenting, Fol(s), LFT(s), C(s),
UCreat(s), E(s), Iron(s), Lipids HDL(s), Vit D(s), Zn(s),
Cu(s), TFT(s), Homo(e), Active B12(s), FBC(e)

Tests Pending :
Sample Pending :

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 257FBD7DAA Lab Reference: 851054183-C-C151
 Laboratory: bsp Referred by: DR CORAL SHAW
 Addressee: DR CORAL SHAW

Name of Test: Iron Studies
 Requested: 05/08/2024 Collected: 29/08/2024 Reported: 30/08/2024 02:38

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

IRON

Date	23/11/22	15/09/23	06/11/23	29/08/24		
Time F-Fast	1212	1122	1052 F	0948 F		
Lab ID	298125724	835518441	837201999	851054183	Units	Reference
Iron	17.4	12.9		10.2	umol/L	(5.0-30.0)
Transferrin	2.9	3.1		3.3	g/L	(2.0-3.6)
TIBC (Calc)	64	68		72	umol/L	(46-77)
Saturation	27	19		14	%	(10-45)
Ferritin	H 255	H 220	H 219	83	ug/L	(15-200)

NATA Accreditation No 2178

Tests Completed: FSH(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
 Lipids HDL(s), Vit D(s), TFT(s), Homo(e), Active B12(s), FBC(e)
 Tests Pending : Oest(s), Prog(s), Commenting, Zn(s), Cu(s)
 Sample Pending :

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 257FBD7DAA Lab Reference: 851054183-E-B007
Laboratory: bsp Referred by: DR CORAL SHAW
Addressee: DR CORAL SHAW

Name of Test: Hormones
Requested: 05/08/2024 Collected: 29/08/2024 Reported: 30/08/2024 05:38

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Reproductive Hormones
(Abbott Method)

FSH	4.7	IU/L
Oestradiol	<80	pmol/L
Progesterone	<0.5	nmol/L

Comment on Lab ID 851054183

FSH	Basal	1.5 - 10.0
	Mid cycle peak	7.0 - 22.0
	Post-menopausal	25 - 130.0

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

NATA Accreditation No 2178

Tests Completed: FSH(s), Oest(s), Prog(s), Commenting, Fol(s), LFT(s), C(s),
UCreat(s), E(s), Iron(s), Lipids HDL(s), Vit D(s), TFT(s),
Homo(e), Active B12(s), FBC(e)

Tests Pending : Zn(s), Cu(s)

Sample Pending :

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 257FBD7DAA Lab Reference: 851054183-E-H246
Laboratory: bsp
Addressee: DR CORAL SHAW Referred by: DR CORAL SHAW

Name of Test: B12/Folate/RCF
Requested: 05/08/2024 Collected: 29/08/2024 Reported: 30/08/2024 02:38
Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

VIT B12 & FOLATE

Date	06/01/21	06/11/23	29/08/24		
Time F-Fast	1245	1052 F	0948 F		
Lab ID	843311945	837201999	851054183		
				Units	Reference
Vitamin B12	319	209		pmol/L	(135-650)
Active B12	123	64	89	pmol/L	(>35)
S.Fol (Abbott)	29.5	9.6	30.7	nmol/L	(>7.0)

NATA Accreditation No 2178

Tests Completed: FSH(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), Vit D(s), TFT(s), Homo(e), Active B12(s), FBC(e)
Tests Pending : Oest(s), Prog(s), Commenting, Zn(s), Cu(s)
Sample Pending :

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 257FBD7DAA Lab Reference: 851054183-E-E031
Laboratory: bsp
Addressee: DR CORAL SHAW Referred by: DR CORAL SHAW

Name of Test: Thyroid Function
Requested: 05/08/2024 Collected: 29/08/2024 Reported: 30/08/2024 02:38
Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

TFT

Date	06/01/21	23/09/22	06/11/23	29/08/24		
Time F-Fast	1245	1233	1052 F	0948 F		
Lab ID	843311945	882527749	837201999	851054183	Units	Reference
TSH	1.56	1.21	2.14	1.36	mIU/L	(0.40-3.50)

NATA Accreditation No 2178

Tests Completed: FSH(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), Vit D(s), TFT(s), Homo(e), Active B12(s), FBC(e)
Tests Pending : Oest(s), Prog(s), Commenting, Zn(s), Cu(s)
Sample Pending :

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 257FBD7DAA Lab Reference: 851054183-C-C513
Laboratory: bsp
Addressee: DR CORAL SHAW Referred by: DR CORAL SHAW

Name of Test: Vit D(s)
Requested: 05/08/2024 Collected: 29/08/2024 Reported: 30/08/2024 02:38

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Date	20/04/17	09/06/21	06/11/23	29/08/24		
Time F-Fast	1025 F	0915 F	1052 F	0948 F		
Lab ID	283406266	862057747	837201999	851054183	Units	Reference
Vitamin D	64	57	71	84	nmol/L	(50-140)

Comments on Collection 29/08/24 0948 F:

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.

NATA Accreditation No 2178

Tests Completed: FSH(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Iron(s),
Lipids HDL(s), Vit D(s), TFT(s), Homo(e), Active B12(s), FBC(e)
Tests Pending : Oest(s), Prog(s), Commenting, Zn(s), Cu(s)
Sample Pending :

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 257FBD7DAA Lab Reference: 851054183-C-C205
 Laboratory: bsp Referred by: DR CORAL SHAW
 Addressee: DR CORAL SHAW

Name of Test: Lipids HDL(s)
 Requested: 05/08/2024 Collected: 29/08/2024 Reported: 29/08/2024 14:38

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Date	09/01/14	12/04/19	06/11/23	29/08/24		
Time F-Fast	1155 F	1043 F	1052 F	0948 F		
Lab ID	258338842	293829768	837201999	851054183	Units	Reference
Status	Fasting	Fasting	Fasting	Fasting		
Cholesterol	4.2	4.0	H 6.7	4.4	mmol/L	(<5.5)
Triglycerides	0.7	0.8	H 3.0	1.5	mmol/L	(<2.0)
HDL Chol.	1.7	1.0	1.6	1.5	mmol/L	(>1.2)
LDL Chol.	2.2	2.6	H 3.7	2.2	mmol/L	(<3.0)
Non-HDL Chol.			H 5.1	2.9	mmol/L	(<4.0)

Comments on Collection 29/08/24 0948 F:
 Please note that the above reference limits are decision limits.
 A flag based on these limits is an indication to review the absolute
 cardiovascular risk for the patient. For assessment of absolute
 cardiovascular disease risk please see www.cvdcheck.org.au

The above decision limits are based on the European Atherosclerosis Society
 (EAS) and European Federation of Clinical Chemistry and Laboratory Medicine
 (EFLM) Consensus Statement 2016 and the Australasian Association of
 Clinical Biochemistry and Laboratory Medicine (AACB) Lipid Reporting
 Guideline 2018.

Lipid treatment targets for patients at high risk of cardiovascular
 disease:

Total cholesterol	<4.0 mmol/L
Triglyceride	<2.0 mmol/L
HDL cholesterol	>1.0 mmol/L
LDL cholesterol	<2.5 mmol/L (<1.8 mmol/L for very high risk)
Non-HDL cholesterol	<3.3 mmol/L (<2.5 mmol/L for very high risk)

High risk - Primary prevention Very high risk - Secondary prevention

Target values from the AACB Lipid Reporting Guideline 2018.

Please note that as there is a continuum of risk, benefits are obtained for
 any measured lipid components moving towards and beyond the various target
 levels.

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), FBC(e)
 Tests Pending : FSH(s), Oest(s), Prog(s), Commenting, Fol(s), Iron(s),
 Vit D(s), Zn(s), Cu(s), TFT(s), Homo(e), Active B12(s)
 Sample Pending :

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 257FBD7DAA Lab Reference: 851054183-C-C141
 Laboratory: bsp
 Addressee: DR CORAL SHAW Referred by: DR CORAL SHAW

Name of Test: Biochemistry
 Requested: 05/08/2024 Collected: 29/08/2024 Reported: 29/08/2024 14:38

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

BIOCHEMISTRY

Date	11/10/22	15/09/23	06/11/23	29/08/24		
Time F-Fast	Unkn	1122	1052 F	0948 F		
Lab ID	883050779	835518441	837201999	851054183	Units	Reference
Status			Fasting	Fasting		
Sodium	138	140	140	138	mmol/L	(135-145)
Potassium	4.2	4.5	4.6	4.4	mmol/L	(3.5-5.5)
Chloride	106	108	107	108	mmol/L	(95-110)
Bicarbonate	24	24	24	23	mmol/L	(20-32)
Urea	5.2	5.2	4.7	5.0	mmol/L	(2.5-7.0)
Creatinine	65	75	85	80	umol/L	(45-85)
eGFR	>90	87	75	81	mL/min/1.73m2	(>59)
Bili.Total	3	4	7	7	umol/L	(3-15)
ALP	58	60	61	54	U/L	(20-105)
GGT	11	12	14	8	U/L	(5-35)
LD	176	213	206	187	U/L	(120-250)
AST	21	23	26	22	U/L	(10-35)
ALT	18	20	27	16	U/L	(5-30)
Total Protein	L 67	68	74	68	g/L	(68-85)
Albumin	39	40	44	41	g/L	(37-48)
Globulin	28	28	30	27	g/L	(23-39)
Cholesterol			H 6.7	4.4	mmol/L	(<5.5)
Triglycerides			H 3.0	1.5	mmol/L	(<2.0)

Comments on Collection 29/08/24 0948 F:
 eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), FBC(e)
 Tests Pending : FSH(s), Oest(s), Prog(s), Commenting, Fol(s), Iron(s),
 Vit D(s), Zn(s), Cu(s), TFT(s), Homo(e), Active B12(s)
 Sample Pending :

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 257FBD7DAA Lab Reference: 851054183-H-H902
 Laboratory: bsp Referred by: DR CORAL SHAW
 Addressee: DR CORAL SHAW

Name of Test: Haematology
 Requested: 05/08/2024 Collected: 29/08/2024 Reported: 29/08/2024 13:38

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

HAEMATOLOGY

Date	23/11/22	15/09/23	06/11/23	29/08/24		
Time F-Fast	1212	1122	1052 F	0948 F		
Lab ID	298125724	835518441	837201999	851054183	Units	Reference
Haemoglobin	127	132	137	132	g/L	(119-160)
RCC	4.4	4.5	4.7	4.4	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.39	0.40	0.43	0.39		(0.35-0.48)
MCV	89	89	92	90	fL	(80-100)
MCH	29.1	29.1	29.0	30.2	pg	(27.0-32.0)
MCHC	326	328	316	337	g/L	(310-360)
RDW	14.5	13.1	13.6	12.8		(10.0-15.0)
WCC	5.8	7.3	7.1	8.1	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.05	4.40	4.40	6.19	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.14	2.16	1.97	1.36	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.46	0.57	0.51	0.45	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.07	0.13	0.14	0.08	x10 ⁹ /L	(0.0-0.5)
Basophils	0.05	0.05	0.05	0.04	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	173	185	166	175	x10 ⁹ /L	(150-450)

Comments on Collection 29/08/24 0948 F:
 Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: FBC(e)

Tests Pending : FSH(s), Oest(s), Prog(s), Commenting, Fol(s), LFT(s), C(s),
 UCreat(s), E(s), Iron(s), Lipids HDL(s), Vit D(s), Zn(s),
 Cu(s), TFT(s), Homo(e), Active B12(s)

Sample Pending :

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 257FBD7DAA Lab Reference: 851054183-C-E310
Laboratory: bsp
Addressee: DR CORAL SHAW Referred by: DR CORAL SHAW

Name of Test: Homo(e)
Requested: 05/08/2024 Collected: 29/08/2024 Reported: 29/08/2024 22:08

Clinical notes: NO HISTORY

Clinical Notes : NO HISTORY

Homocysteine

Homocysteine 5.6 umol/L (5.0 - 12.0)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Lipids HDL(s), Homo(e), FBC(e)
Tests Pending : FSH(s), Oest(s), Prog(s), Commenting, Fol(s), Iron(s),
Vit D(s), Zn(s), Cu(s), TFT(s), Active B12(s)
Sample Pending :