

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 9854F34ECC Lab Reference: 837201999-C-C205
 Laboratory: bsp
 Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: Lipids HDL(s)
 Requested: 02/11/2023 Collected: 06/11/2023 Reported: 06/11/2023
 17:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Date	07/03/11	09/01/14	12/04/19	06/11/23		
Time F-Fast	1230 F	1155 F	1043 F	1052 F		
Lab ID	208542724	258338842	293829768	837201999	Units	Reference
Status	Fasting	Fasting	Fasting	Fasting		
Cholesterol	4.0	4.2	4.0	H 6.7	mmol/L	(<5.5)
Triglycerides	1.2	0.7	0.8	H 3.0	mmol/L	(<2.0)
HDL Chol.	1.5	1.7	1.0	1.6	mmol/L	(>1.2)
LDL Chol.	1.9	2.2	2.6	H 3.7	mmol/L	(<3.0)
Non-HDL Chol.				H 5.1	mmol/L	(<4.0)

Comments on Collection 06/11/23 1052 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), Glu(p), Phos(s),

Lipids HDL(s),Ca(s),Mg(s),FBC(e)
Tests Pending : B12(s),Fol(s),Ferr(s),Vit D(s), TSH(s), HbA1c Diag(e)
Sample Pending : HELICOB BREATH TEST

Referral by : Dr. [illegible]
Referral Date : [illegible]

Referral Date : [illegible]
Referral Date : [illegible]
Referral Date : [illegible]

Referral Date : [illegible]
Referral Date : [illegible]
Referral Date : [illegible]

Referral Date : [illegible]
Referral Date : [illegible]

Referral Date : [illegible]
Referral Date : [illegible]
Referral Date : [illegible]

Referral Date : [illegible]
Referral Date : [illegible]
Referral Date : [illegible]

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 9854F34ECC Lab Reference: 837201999-E-E031
Laboratory: bsp
Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: Thyroid Function
Requested: 02/11/2023 Collected: 06/11/2023 Reported: 07/11/2023
02:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

TFT

Date	12/04/19	06/01/21	23/09/22	06/11/23	
Time F-Fast	1043 F	1245	1233	1052 F	
Lab ID	293829768	843311945	882527749	837201999	Units Reference

TSH	0.55	1.56	1.21	2.14	mIU/L
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(0.40-3.50)

Comments on Collection 06/11/23 1052 F:

TSH is within reference limits.

Please note that if 'Thyroid function tests' or 'TFTs' are requested as a simple screening test, a TSH level is always done first. If this is increased a T4 level will be done automatically. If this is decreased a T4 and T3 will be performed automatically.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Lipids HDL(s), Ca(s), Ferr(s), Mg(s), Vit D(s),
TSH(s), Active B12(s), HbA1c Diag(e), FBC(e)

Tests Pending :

Sample Pending : HELICOB BREATH TEST

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 9854F34ECC Lab Reference: 837201999-C-C513
Laboratory: bsp
Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: Vit D(s)
Requested: 02/11/2023 Collected: 06/11/2023 Reported: 07/11/2023
02:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

Date	21/02/17	20/04/17	09/06/21	06/11/23		
Time F-Fast	1145	1025 F	0915 F	1052 F		
Lab ID	263434386	283406266	862057747	837201999	Units	Reference
Vitamin D	59	64	57	71	nmol/L	(50-140)

Comments on Collection 06/11/23 1052 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: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Lipids HDL(s), Ca(s), Ferr(s), Mg(s), Vit D(s),
TSH(s), Active B12(s), HbA1c Diag(e), FBC(e)

Tests Pending :
Sample Pending : HELICOB BREATH TEST

MCGARRY, TANIA MARIE
 6 THORNSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 9854F34ECC Lab Reference: 837201999-C-C151
 Laboratory: bsp
 Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: Iron Studies
 Requested: 02/11/2023 Collected: 06/11/2023 Reported: 07/11/2023
 02:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

IRON

Date	23/09/22	23/11/22	15/09/23	06/11/23		
Time F-Fast	1233	1212	1122	1052 F		
Lab ID	882527749	298125724	835518441	837201999	Units	Reference
Iron	11.9	17.4	12.9		umol/L	(5.0-30.0)
Transferrin	H 4.5	2.9	3.1		g/L	(2.0-3.6)
TIBC (Calc)	H 95	64	68		umol/L	(46-77)
Saturation	13	27	19		%	(10-45)
Ferritin	L 11	H 255	H 220	H 219	ug/L	(15-200)

Comments on Collection 06/11/23 1052 F:
 Mildly elevated ferritin levels may be due to metabolic syndrome,
 inflammation or alcohol.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
 Phos(s), Lipids HDL(s), Ca(s), Ferr(s), Mg(s), Vit D(s),
 TSH(s), Active B12(s), HbA1c Diag(e), FBC(e)

Tests Pending :
 Sample Pending : HELICOB BREATH TEST

MCGARRY, TANIA MARIE
6 THORSBY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 9854F34ECC Lab Reference: 837201999-E-H246
Laboratory: bsp
Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: B12/Folate/RCF
Requested: 02/11/2023 Collected: 06/11/2023 Reported: 07/11/2023
02:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

VIT B12 & FOLATE

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

Comments on Collection 06/11/23 1052 F:
From 8 March 2014, active B12 (holotranscobalamin) testing will be performed on all patients with low or equivocal (at or below 340 pmol/L) total B12 results. Both tests are eligible for a Medicare rebate under these circumstances.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
Phos(s), Lipids HDL(s), Ca(s), Ferr(s), Mg(s), Vit D(s),
TSH(s), Active B12(s), HbA1c Diag(e), FBC(e)

Tests Pending :

Sample Pending : HELICOB BREATH TEST

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 9854F34ECC Lab Reference: 837201999-C-E777
 Laboratory: bsp
 Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: HbA1c
 Requested: 02/11/2023 Collected: 06/11/2023 Reported: 07/11/2023
 02:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

HbA1c

Date	21/02/17	06/01/21	06/11/23	Units	Reference
Time F-Fast	1145	1245	1052 F		
Lab ID	263434386	843311945	837201999		
HbA1c (IFCC)	33	32		mmol/mol	(20-38)
HbA1c	5.2	5.1		%	(4.0-5.6)
HbA1c (IFCC)			33	mmol/mol	(20-38)
HbA1c (NGSP)			5.2	%	(4.0-5.6)

Comments on Collection 06/11/23 1052 F:
 HbA1c less than 48 mmol/mol (6.5%) does not exclude a diagnosis of diabetes mellitus based upon elevated glucose results. The existing diagnostic criteria for fasting and random glucose levels and for oral glucose tolerance testing remain valid, and are the diagnostic tests of choice for gestational diabetes, type 1 diabetes and in the presence of conditions that interfere with HbA1c measurement. Conditions which may affect the measured HbA1c value include any of the haemolytic anaemias, anaemia of chronic disease, severe liver disease, vitamin B12 and/or folate deficiency, the haemoglobinopathies and regular phlebotomy performed for medical indications or for blood donation.
 It also should be noted that further investigation is required for any inexplicably low HbA1c level or significant discrepancy between HbA1c and glucose results.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
 Phos(s), Lipids HDL(s), Ca(s), Ferr(s), Mg(s), Vit D(s),
 TSH(s), Active B12(s), HbA1c Diag(e), FBC(e)

Tests Pending :
 Sample Pending : HELICOB BREATH TEST

MCGARRY, TANIA MARIE
6 THORSEY PLACE, EMU PLAINS. 2750
Phone: 0414968795
Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
Your Reference: 9854F34ECC Lab Reference: 837201999-C-C924
Laboratory: bsp Referred by: DR DOMINIC GOH
Addressee: DR DOMINIC GOH

Name of Test: Glucose
Requested: 02/11/2023 Collected: 06/11/2023 Reported: 06/11/2023
17:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

GLUCOSE

Date	09/01/14	08/09/15	12/04/19	06/11/23		
Time F-Fast	1155 F	0800 F	1043 F	1052 F		
Lab ID	258338842	283851626	293829768	837201999	Units	Reference
F Gluc Plasma	4.5		4.7	4.3	mmol/L	(3.6-6.0)
F Gluc Serum		5.2			mmol/L	(3.6-6.0)

NATA Accreditation No 2178

Tests Completed: LFT(s), C(s), UCreat(s), E(s), Glu(p), Phos(s),
Lipids HDL(s), Ca(s), Mg(s), FBC(e)
Tests Pending : B12(s), Fol(s), Ferr(s), Vit D(s), TSH(s), HbA1c Diag(e)
Sample Pending : HELICOB BREATH TEST

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 9854F34ECC Lab Reference: 837201999-C-C141
 Laboratory: bsp
 Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: Biochemistry
 Requested: 02/11/2023 Collected: 06/11/2023 Reported: 06/11/2023
 17:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

BIOCHEMISTRY

Date	17/02/22	11/10/22	15/09/23	06/11/23		
Time F-Fast	1016	Unkn	1122	1052 F		
Lab ID	861069096	883050779	835518441	837201999	Units	Reference
Status				Fasting		
Sodium	140	138	140	140	mmol/L	(135-145)
Potassium	5.2	4.2	4.5	4.6	mmol/L	(3.5-5.5)
Chloride	107	106	108	107	mmol/L	(95-110)
Bicarbonate	27	24	24	24	mmol/L	(20-32)
Urea	H 7.6	5.2	5.2	4.7	mmol/L	(2.5-7.0)
Creatinine	70	65	75	85	umol/L	(45-85)
eGFR	>90	>90	87	75	mL/min/1.73m2	(>59)
Calcium				2.38	mmol/L	
(2.15-2.55)				2.36	mmol/L	
Corr Calcium						
(2.15-2.55)				0.84	mmol/L	
Magnesium.						
(0.65-1.00)				1.10	mmol/L	(0.8-1.5)
Phosphate.				7	umol/L	(3-15)
Bili.Total	4	3	4	61	U/L	(20-105)
ALP	70	58	60	14	U/L	(5-35)
GGT	11	11	12	206	U/L	(120-250)
LD	191	176	213	26	U/L	(10-35)
AST	17	21	23	27	U/L	(5-30)
ALT	20	18	20	74	g/L	(68-85)
Total Protein	69	L 67	68	44	g/L	(37-48)
Albumin	41	39	40	30	g/L	(23-39)
Globulin	28	28	28	H 6.7	mmol/L	(<5.5)
Cholesterol				H 3.0	mmol/L	(<2.0)
Triglycerides						

Comments on Collection 06/11/23 1052 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), Glu(p), Phos(s),
 Lipids HDL(s), Ca(s), Mg(s), FBC(e)
 Tests Pending : B12(s), Fol(s), Ferr(s), Vit D(s), TSH(s), HbA1c Diag(e)
 Sample Pending : HELICOB BREATH TEST

MCGARRY, TANIA MARIE
 6 THORSBY PLACE, EMU PLAINS. 2750
 Phone: 0414968795
 Birthdate: 28/04/1982 Sex: F Medicare Number: 2526999957
 Your Reference: 9854F34ECC Lab Reference: 837201999-H-H902
 Laboratory: bsp
 Addressee: DR DOMINIC GOH Referred by: DR DOMINIC GOH

Name of Test: Haematology
 Requested: 02/11/2023 Collected: 06/11/2023 Reported: 06/11/2023
 16:53

Clinical notes: . Fasting.

Clinical Notes : . Fasting.

HAEMATOLOGY

Date	11/10/22	23/11/22	15/09/23	06/11/23		
Time F-Fast	Unkn	1212	1122	1052 F		
Lab ID	883050779	298125724	835518441	837201999	Units	Reference
Haemoglobin	L 118	127	132	137	g/L	(119-160)
RCC	4.3	4.4	4.5	4.7	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.38	0.39	0.40	0.43		
(0.35-0.48)						
MCV	89	89	89	92	fL	(80-100)
MCH	27.7	29.1	29.1	29.0	pg	
(27.0-32.0)						
MCHC	313	326	328	316	g/L	(310-360)
RDW	14.1	14.5	13.1	13.6		
(10.0-15.0)						
WCC	6.2	5.8	7.3	7.1	x10 ⁹ /L	(4.0-11.0)
Neutrophils	3.25	3.05	4.40	4.40	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	2.20	2.14	2.16	1.97	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.59	0.46	0.57	0.51	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.11	0.07	0.13	0.14	x10 ⁹ /L	(0.0-0.5)
Basophils	0.05	0.05	0.05	0.05	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	187	173	185	166	x10 ⁹ /L	(150-450)
ESR	15				mm/h	(1-25)

Comments on Collection 06/11/23 1052 F:
 Full blood count is within reference limits

NATA Accreditation No 2178

Tests Completed: FBC(e)

Tests Pending : B12(s), Fol(s), LFT(s), C(s), UCreat(s), E(s), Glu(p),
 Phos(s), Lipids HDL(s), Ca(s), Ferr(s), Mg(s), Vit D(s),
 TSH(s), HbA1c Diag(e)

Sample Pending : HELICOB BREATH TEST