

Clinical Results Health Record

Mrs Therese Vella

58 Jolly Street
Castlereagh NSW 2749
DOB: 29/02/1972 - Age: 51 years - Female
Ph M: 0455 628 522

Tests Requested: Haematology

Performed By: Barratt And Smith Pathology
Requested: 09/10/2023 Arun Reddy
Collected: 24/10/2023
Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

HAEMATOLOGY

Date	07/11/19	20/01/21	21/11/22	24/10/23		
Time F-Fast	0812 F	0645 F	0820 F	0754 F		
Lab ID	841842519	849772266	883343680	836429887	Units	Reference
Haemoglobin	135	132	138	135	g/L	(119-160)
RCC	4.5	4.5	4.8	4.6	x10 ¹² /L	(3.8-5.8)
Haematocrit	0.42	0.40	0.43	0.42		(0.35-0.48)
MCV	93	89	90	91	fL	(80-100)
MCH	29.9	29.5	29.0	29.5	pg	(27.0-32.0)
MCHC	321	331	322	325	g/L	(310-360)
RDW	12.7	12.4	12.4	12.5		(10.0-15.0)
WCC	L 3.5	L 3.6	4.4	L 3.8	x10 ⁹ /L	(4.0-11.0)
Neutrophils	L 1.51	L 1.33	2.47	L 1.60	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.50	1.68	1.48	1.71	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.27	0.34	0.30	0.29	x10 ⁹ /L	(0.0-1.0)
Eosinophils	0.15	0.17	0.15	0.19	x10 ⁹ /L	(0.0-0.5)
Basophils	0.03	0.04	0.04	0.05	x10 ⁹ /L	(0.0-0.3)
NRBC	<1.0	<1.0	<1.0	<1.0	/100 WBC	(<1)
Platelets	173	188	188	174	x10 ⁹ /L	(150-450)

Comments on Collection 24/10/23 0754 F:

Mild neutropenia.

Drug effect, viral illness or an autoimmune disorder are possible causes.

NATA Accreditation No 2178

Tests Completed: LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), FBC(e)

Tests Pending : FSH(s), Oest(s), Commenting, B12(s), Fol(s), Ferr(s), TFT(s)

Sample Pending :

58 Jolly Street
Castlereagh NSW 2749
DOB: 29/02/1972 - Age: 51 years - Female
Ph M: 0455 628 522

Tests Requested: Biochemistry

Performed By: Barratt And Smith Pathology
Requested: 09/10/2023 Arun Reddy
Collected: 24/10/2023
Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

BIOCHEMISTRY

Date	07/11/19	20/01/21	21/11/22	24/10/23		
Time F-Fast	0812 F	0645 F	0820 F	0754 F		
Lab ID	841842519	849772266	883343680	836429887	Units	Reference
Status	Fasting	Fasting	Fasting	Fasting		
Sodium	141	139	140	140	mmol/L	(135-145)
Potassium	4.4	4.2	4.6	4.5	mmol/L	(3.5-5.5)
Chloride	105	105	107	107	mmol/L	(95-110)
Bicarbonate	29	24	27	28	mmol/L	(20-32)
Urea	3.6	4.9	4.5	4.6	mmol/L	(3.0-8.0)
Creatinine	65	65	70	70	umol/L	(45-85)
eGFR	>90	>90	89	88	mL/min/1.73m2	(>59)
Bili.Total	H 30	H 35	H 35	H 36	umol/L	(3-15)
ALP	44	44	51	49	U/L	(30-115)
GGT	17	13	34	14	U/L	(5-35)
LD	197	178	222	212	U/L	(120-250)
AST	24	23	29	30	U/L	(10-35)
ALT	19	17	H 35	27	U/L	(5-30)
Total Protein	L 66	L 65	67	65	g/L	(64-83)
Albumin	42	42	44	44	g/L	(36-47)
Globulin	24	23	23	L 21	g/L	(23-39)
Cholesterol	4.4	L 3.7	4.6	3.2	mmol/L	(<5.5)
Triglycerides	0.7	0.5	0.7	0.6	mmol/L	(<2.0)

Comments on Collection 24/10/23 0754 F:

Increased total bilirubin. In the absence of haemolysis, a mildly elevated indirect bilirubin may be due to Gilbert's syndrome.

eGFR (mL/min/1.73m2) calculated by CKD-EPI formula - see www.kidney.org.au

NATA Accreditation No 2178

Tests Completed: LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), FBC(e)

Tests Pending : FSH(s), Oest(s), Commenting, Bl2(s), Fol(s), Ferr(s), TFT(s)

Sample Pending :

Clinical Results
Health Record

Mrs Therese Vella

58 Jolly Street

Castlereagh NSW 2749

DOB: 29/02/1972 - Age: 51 years - Female

Ph M: 0455 628 522

Tests Requested: Iron Studies

Performed By: Barratt And Smith Pathology

Requested: 09/10/2023 Arun Reddy

Collected: 24/10/2023

Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

IRON

Date	07/11/19	20/01/21	21/11/22	24/10/23		
Time F-Fast	0812 F	0645 F	0820 F	0754 F		
Lab ID	841842519	849772266	883343680	836429887	Units	Reference
Iron		17.6			umol/L	(5.0-30.0)
Transferrin		2.4			g/L	(2.0-3.6)
TIBC (Calc)		54			umol/L	(46-77)
Saturation		33			%	(10-45)
Ferritin	28	46	38	45	ug/L	(30-300)

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s),
Glu(p), Lipids HDL(s), Ferr(s), TFT(s), FBC(e)

Tests Pending : FSH(s), Oest(s), Commenting, Active B12(s)

Sample Pending :

Clinical Results
Health Record

Mrs Therese Vella

58 Jolly Street
Castlereagh NSW 2749
DOB: 29/02/1972 - Age: 51 years - Female
Ph M: 0455 628 522

Tests Requested: B12/Folate/RCF

Performed By: Barratt And Smith Pathology
Requested: 09/10/2023 Arun Reddy
Collected: 24/10/2023
Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

VIT B12 & FOLATE

Date	13/09/18	07/11/19	20/01/21	24/10/23		
Time F-Fast	0917 F	0812 F	0645 F	0754 F		
Lab ID	294105978	841842519	849772266	836429887	Units	Reference
Vitamin B12	H 731	H 686	451	314	pmol/L	(135-650)
Active B12				103	pmol/L	(>35)
S.Fol (Abbott)				25.4	nmol/L	(>7.0)

Comments on Collection 24/10/23 0754 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: FSH(s), Oest(s), Commenting, B12(s), Fol(s), LFT(s),
Lipids(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s),
Ferr(s), TFT(s), Active B12(s), FBC(e)

Tests Pending :

Sample Pending :

Clinical Results
Health Record

Mrs Therese Vella

58 Jolly Street

Castlereagh NSW 2749

DOB: 29/02/1972 - Age: 51 years - Female

Ph M: 0455 628 522

Tests Requested: Thyroid Function

Performed By: Barratt And Smith Pathology

Requested: 09/10/2023 Arun Reddy

Collected: 24/10/2023

Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

TFT

Date	14/09/20	20/01/21	21/11/22	24/10/23		
Time F-Fast	1409	0645 F	0820 F	0754 F		
Lab ID	846838802	849772266	883343680	836429887	Units	Reference
TSH	0.50	0.47	L 0.36	0.42	mIU/L	(0.40-4.00)
Free T4	12.7		12.9	12.8	pmol/L	(9.0-19.0)
Free T3			3.9		pmol/L	(2.6-6.0)

Comments on Collection 24/10/23 0754 F:
Euthyroid levels.

NATA Accreditation No 2178

Tests Completed: B12(s), Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s),
Glu(p), Lipids HDL(s), Ferr(s), TFT(s), FBC(e)

Tests Pending : FSH(s), Oest(s), Commenting, Active B12(s)

Sample Pending :

Clinical Results
Health Record

Mrs Therese Vella

58 Jolly Street

Castlereagh NSW 2749

DOB: 29/02/1972 - Age: 51 years - Female

Ph M: 0455 628 522

Tests Requested: Vit D(s)

Performed By: Barratt And Smith Pathology

Requested: 09/10/2023 Arun Reddy

Collected: 24/10/2023

Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

Date	07/04/17	13/09/18	07/11/19	24/10/23		
Time F-Fast	0910 F	0917 F	0812 F	0754 F		
Lab ID	263152602	294105978	841842519	836429887	Units	Reference
Vitamin D	77	104	76	71	nmol/L	(50-140)

Comments on Collection 24/10/23 0754 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), Oest(s), Commenting, B12(s), Fol(s), LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s), Ferr(s), Vit D(s), TFT(s), Active B12(s), FBC(e)

Tests Pending :

Sample Pending :

Clinical Results
Health Record

Mrs Therese Vella

58 Jolly Street
Castlereagh NSW 2749
DOB: 29/02/1972 - Age: 51 years - Female
Ph M: 0455 628 522

Tests Requested: Hormones

Performed By: Barratt And Smith Pathology
Requested: 09/10/2023 Arun Reddy
Collected: 24/10/2023
Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

Reproductive Hormones
(Abbott Method)

FSH	54.7	IU/L
Oestradiol	<80	pmol/L

Comment on Lab ID 836429887

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

Oestradiol	Follicular phase	<320
	Precovulatory phase	450 - 2000
	Luteal phase	125 - 1300
	Post-menopausal	<170

Combined results consistent with ovarian hypofunction.

NATA Accreditation No 2178

Tests Completed: FSH(s), Oest(s), Commenting, B12(s), Fol(s), LFT(s),
Lipids(s), C(s), UCreat(s), E(s), Glu(p), Lipids HDL(s),
Ferr(s), TFT(s), Active B12(s), FBC(e)

Tests Pending :

Sample Pending :

Clinical Results
Health Record

E-MAILED
30/10/23

Mrs Therese Vella

58 Jolly Street

Castlereagh NSW 2749

DOB: 29/02/1972 - Age: 51 years - Female

Ph M: 0455 628 522

Tests Requested: _Glucose

Performed By: Barratt And Smith Pathology

Requested: 09/10/2023 Arun Reddy

Collected: 24/10/2023

Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

GLUCOSE

Date	07/11/19	20/01/21	21/11/22	24/10/23		
Time F-Fast	0812 F	0645 F	0820 F	0754 F		
Lab ID	841842519	849772266	883343680	836429887	Units	Reference
F Gluc Plasma	4.0	4.4	4.4	4.6	mmol/L	(3.6-6.0)

Comments on Collection 24/10/23 0754 F:

Diabetes is unlikely if fasting glucose levels are less than 5.5 mmol/L but an OGTT could be indicated in the presence of risk factors such as metabolic syndrome, past gestational diabetes, polycystic ovary or family history of type 2 diabetes.

NATA Accreditation No 2178

Tests Completed: LFT(s), Lipids(s), C(s), UCreat(s), E(s), Glu(p),
Lipids HDL(s), FBC(e)

Tests Pending : FSH(s), Oest(s), Commenting, B12(s), Fol(s), Ferr(s), TFT(s)

Sample Pending :

Clinical Results
Health Record

Mrs Therese Vella

58 Jolly Street
Castlereagh NSW 2749
DOB: 29/02/1972 - Age: 51 years - Female
Ph M: 0455 628 522

Tests Requested: Lipids HDL(s)

Performed By: Barratt And Smith Pathology
Requested: 09/10/2023 Arun Reddy
Collected: 24/10/2023
Reported: 24/10/2023

Clinical Notes : ASPIRIN STATIN

Date	07/11/19	20/01/21	21/11/22	24/10/23		
Time F=Fast	0812 F	0645 F	0820 F	0754 F		
Lab ID	841842519	849772266	883343680	836429887	Units	Reference
Status	Fasting	Fasting	Fasting	Fasting		
Cholesterol	4.4	L 3.7	4.6	3.2	mmol/L	(<5.5)
Triglycerides	0.7	0.5	0.7	0.6	mmol/L	(<2.0)
HDL Chol.	1.7	1.4	1.5	1.5	mmol/L	(>1.2)
LDL Chol.	2.4	2.1	2.8	1.4	mmol/L	(<3.0)
Non-HDL Chol.			3.1	1.7	mmol/L	(<4.0)

Comments on Collection 24/10/23 0754 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), Lipids(s), C(s), UCreat(s), E(s), Glu(p),