EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-H-H900
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: ED-HAEMATOLOGY
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 16/10/2024 18:13

HAEMATOLOGY - Blood/EDTA

Date	24/05/24	28/08/24	**16/10/24**		
Time F-Fast	1620	1638	**0838 F**		
Lab Id.	354274605	970303837	**970059802**	Units	Reference
HAEMOGLOBIN	128	127	**122**	g/L	(115-160)
Hct	0.39	0.39	**0.38**		(0.35-0.47)
RBC	4.4	4.4	**4.1**	x10*12/L	(3.7-5.2)
MCV	89	89	**92**	fL	(80-100)
MCH	29	29	**30**	pg	(27-34)
MCHC	330	326	**320**	g/L	(310-360)
RDW	11.9	12.2	**12.7**		(11-17)
PLATELETS	290	307	**250**	x 10*9/L	(150-450)
WHITE CELLS	7.4	6.9	**5.2**	x10*9/L	(4.0-11.0)
Neutrophils	4.2	3.8	**2.7**	x10*9/L	(2.0-7.5)
Lymphocytes	2.5	2.4	**1.9**	x10*9/L	(1.0-4.0)
Monocytes	0.6	0.6	**0.5**	x10*9/L	(0-1.0)
Eosinophils	0.1	0.1	**0.1**	x10*9/L	(0-0.5)
Basophils	0.1	0.0	**0.1**	x10*9/L	(0-0.3)

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: FBE
Tests Pending : CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,UPE,VITD,
EPG-SERUM,MG,PTH,CTEL*,P1NP*,ANTI-GLIADIN ABS,TGLUT,SERUM

LIGHT CHAINS
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-C-C187
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: SE- THYROID VIRTUAL
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 17/10/2024 14:13

THYROID FUNCTION TESTS - Serum

Date	24/05/24	28/08/24	**16/10/24**		
Time F-Fast	1620	1638	**0838 F**		
Lab Id.	354274605	970303837	**970059802**	Units	Reference
S TSH(Roche)	<0.01 L	0.04 L	**0.28 L**	mU/L	(0.5-5.0)
S FT4(Roche)	24.0 H	16.0	**15.6**	pmol/L	(11.0-22.0)
S FT3(Roche)	5.4	4.5	**4.2**	pmol/L	(3.1-6.4)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,MG,PTH,FBE
Tests Pending : UPE,VITD,EPG-SERUM,CTEL*,P1NP*,ANTI-GLIADIN ABS, TGLUT,SERUM LIGHT CHAINS
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-C-C821
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: PARATHYROID HORMONE
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 17/10/2024 06:14

Date	**16/10/24**		
Time F-Fast	**0838 F**		
Lab Id.	**970059802**	Units	Reference
P PTH	**4.9**	pmol/L	(1.6-6.9)

Comments on Collection 16/10/24 0838 F:
PTH
PLEASE NOTE: High dose biotin (>5 mg/day) may artefactually decrease the PTH result. If the patient is taking 5-20 mg/day of biotin, suggest withhold for at least 8 hours before blood test (if taking 300 mg/day, withhold for at least 72 hours).
For clinicians requiring assistance with interpreting this report, a Chemical Pathologist or Clinical Scientist will be available during office hours on (03) 9287 7733.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: PTH,FBE
Tests Pending : CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,UPE,VITD,
EPG-SERUM,MG,CTEL*,P1NP*,ANTI-GLIADIN ABS,TGLUT,SERUM LIGHT
CHAINS
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-C-C176
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: U-URINE PROTEIN EPG
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 18/10/2024 09:13

URINE PROTEIN STUDIES

Urine Collection:	RANDOM			
U Protein Concentration	51	mg/L	(	<135)

URINE PROTEIN ELECTROPHORESIS:

Normal urine protein pattern.

Comments on Lab Id. 970059802

Paraprotein bands, including free light chains (Bence Jones Protein), NOT DETECTED.
For clinicians requiring assistance with interpreting this report, a Chemical Pathologist or Clinical Scientist will be available during office hours on (03) 9287 7733.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,UPE,VITD,MG, PTH,FBE
Tests Pending : EPG-SERUM,CTEL*,P1NP*,ANTI-GLIADIN ABS,TGLUT,SERUM LIGHT CHAINS
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-C-C316
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: SE-VITAMIN D
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 17/10/2024
15:13

Date	24/05/24	**16/10/24**		
Time F-Fast	1620	**0838 F**		
Lab Id.	354274605	**970059802**	Units	Reference
S 25OH VIT D	88	**74**	nmol/L	(50-250)

Comments on Collection 16/10/24 0838 F:
VITD
Vitamin D levels should ideally be above 50 nmol/L in winter and 70 nmol/L in summer. Levels above 75 nmol/L may be desirable in people with osteoporosis or falls.

Dept Supervising Pathologist: Dr Andrew Carter
Melbourne Pathology NATA No.:2133

Tests Completed: CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,VITD,MG,PTH,FBE
Tests Pending : UPE,EPG-SERUM,CTEL*,P1NP*,ANTI-GLIADIN ABS,TGLUT,SERUM LIGHT CHAINS
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-C-C950
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: SE- CHEMISTRY
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 17/10/2024
13:13

MULTIPLE BIOCHEMICAL ANALYSIS - Serum

Date	28/08/24	**16/10/24**		
Time F-Fast	1638	**0838 F**		
Lab Id.	970303837	**970059802**	Units	Reference
S SODIUM	139	**139**	mmol/L	(135-145)
S POTASSIUM	4.1	**4.1**	mmol/L	(3.5-5.5)
S CHLORIDE	103	**104**	mmol/L	(95-110)
S BICARB	25	**24**	mmol/L	(20-32)
S UREA	4.2	**4.1**	mmol/L	(2.5-7.0)
S CREAT	67	**58**	umol/L	(45-85)
eGFR	>90	**>90**		(>59)
S T-BIL	5	**10**	umol/L	(3-15)
S ALP	63	**53**	U/L	(20-105)
S GGT	16	**16**	U/L	(5-35)
S ALT	14	**11**	U/L	(5-30)
S AST	17	**15**	U/L	(10-35)
S T-PROTEIN	75	**69**	g/L	(64-81)
S ALBUMIN	44	**42**	g/L	(33-46)
S GLOBULIN	31	**27**	g/L	(23-41)
S CALCIUM		**2.29**	mmol/L	(2.15-2.55)
S CA (Corr)		**2.25**	mmol/L	(2.15-2.55)
S PHOSPHATE		**1.18**	mmol/L	(0.8-1.5)
S MAGNESIUM		**0.86**	mmol/L	(0.70-1.10)

Comments on Collection 16/10/24 0838 F:
EUC
eGFR is greater than 90 mL/min/1.73m2. No evidence of kidney disease.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: CA,ROCHEfT3,ROCHEfT4,EUC,LFT,PHOS,MG,PTH,FBE
Tests Pending : TSH,UPE,VITD,EPG-SERUM,CTEL*,P1NP*,ANTI-GLIADIN ABS,
TGLUT,SERUM LIGHT CHAINS
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-C-C154
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: SE- PROTEIN STUDIES
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 18/10/2024 12:13

Protein Studies

Date	28/08/24	**16/10/24**		
Time F-Fast	1638	**0838 F**		
Lab Id.	970303837	**970059802**	Units	Reference
S KFLC(Siem)		**16**	mg/L	(7-22)
S LFLC(Siem)		**13**	mg/L	(8-27)
K/L(Siemens)		**1.23**		(0.31-1.56)
S T-PROTEIN	75	**69**	g/L	(64-81)
S ALBUMIN		**43**	g/L	(38-52)
S ALPHA-1		**2.5**	g/L	(2.2-4.1)
S ALPHA-2		**5.5**	g/L	(5.2-9.9)
S BETA-1		**3.8**	g/L	(3.4-5.8)
S BETA-2		**3.3**	g/L	(2.1-4.9)
S GAMMA		**11.2**	g/L	(7-16)

Comments on Collection 16/10/24 0838 F:
EPG-SERUM
No paraprotein bands are visible on routine electrophoresis.
For clinicians requiring assistance with interpretating this report, a Chemical Pathologist or Clinical Scientist will be available during office hours on (03) 9287 7733.

SERUM LIGHT CHAINS

FLC = Free Light Chains
K = Kappa
L = Lambda

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,UPE,VITD, EPG-SERUM,MG,PTH,FBE,SERUM LIGHT CHAINS
Tests Pending : CTEL*,P1NP*,ANTI-GLIADIN ABS,TGLUT
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-I-I182
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: SE- COELIACV
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 18/10/2024
13:13

Coeliac Serology

Date	24/05/24	**16/10/24**		
Time F-Fast	1620	**0838 F**		
Lab Id.	354274605	**970059802**	Units	Reference
AGA IgG	2	**6**	U/ml	(<7)
TTG IgA	<1	**<1**	U/ml	(<7)

Comments on Collection 16/10/24 0838 F:
AGA IgG Reference range:

	Units
Negative:	<7 U/ml
Equivocal:	7-10 U/ml
Positive:	>10 U/ml

AGA IgG: Deamidated Gliadin Peptide IgG Antibody (Phadia EliA)
TTG IgA: Tissue Transglutaminase IgA Antibody (Phadia EliA)
Endomysial A: Endomysial IgA Antibodies (Indirect Immunofluorescence)

Specimen type: Serum

Please note: False negative t-Transglutaminase antibody results are produced by IgA deficiency.

TTG IgA Reference Range:

Negative	<7 U/ml
Equivocal	7-10 U/ml
Positive	>10 U/ml

Drs G Unglik & J Bosco

Melbourne Pathology NATA No.:2133

Tests Completed: CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,UPE,VITD,
EPG-SERUM,MG,PTH,FBE,ANTI-GLIADIN ABS,TGLUT,SERUM LIGHT CHAINS
Tests Pending : CTEL*,P1NP*
Sample Pending :

EDWARDS, ASTRID
94/108 GREVILLE ST, PRAHRAN. 3181
Phone: 0431957731
Birthdate: 06/08/1985 **Sex:** F **Medicare Number:** 4283344155
Your Reference: **Lab Reference:** 970059802-Q-E430
Laboratory: Melbourne Pathology
Addressee: DR MARYANN SPOTTISWOOD **Referred by:** DR SHELLY VANCE
Copy to:
DR MARYANN SPOTTISWOOD

Name of Test: _BONE MARKERS VIRTUAL
Requested: 14/10/2024 **Collected:** 16/10/2024 **Reported:** 19/10/2024 14:13

Bone Studies

Date	**16/10/24**		
Time F-Fast	**0838 F**		
Lab Id.	**970059802**	Units	Reference
CTx	**490**	ng/L	(150-800)
CTx	**0.49**	ug/L	(0.15-0.80)
Total P1NP	**74 H**	ug/L	(15-70)

Comments on Collection 16/10/24 0838 F:
Treatment targets for patients on an anti-resorptive agent for osteoporosis:

CTx: decrease of 100 ng/L to below 280 ng/L

Ref: Eastell et al, 2018. Eur J Endo; 178:R19-31.
CTX should be collected in the morning after fasting and may not accurately reflect bone turnover in patients with eGFR <60 mL/min/1.73m2 or with a recent fracture (< 6 months).
High dose biotin (Vitamin B7) can interfere in the CTx assay, causing a falsely low result. High dose biotin may be used in the treatment of Multiple Sclerosis, and is present in certain vitamin supplements, particularly those for hair and nails.
High dose biotin (Vitamin B7) can interfere in the P1NP assay, causing a

Melbourne Pathology NATA No.:2133

Tests Completed: CA,ROCHEfT3,ROCHEfT4,TSH,EUC,LFT,PHOS,UPE,VITD, EPG-SERUM,MG,PTH,CTEL*,P1NP*,FBE,ANTI-GLIADIN ABS, TGLUT,SERUM LIGHT CHAINS
Tests Pending :
Sample Pending :