

From: Melbourne Pathology
 Name: ELIZA COWBURN
 Address: 10 EDNA WAY GROVEDALE 3216
 DOB: 7/12/2003 Sex: F
 Your Reference:
 Lab. Reference: 967910830-I-I182
 Medicare Number: 3266301962
 Phone Enquiries:
 Referred By: DR AJITH MAHAVITHANA (473424AX)
 Provider Nbr: 473424AX
 Copy to:
 Addressee: DR AJITH MAHAVITHANA (473424AX)
 Requested: 28/11/2023
 Collected: 5/12/2023 10:50:00 AM
 Received by lab: 5/12/2023 10:50:00 AM
 Reported: 7/12/2023 5:48:00 PM
 Request/Result Status: F - Final
 Specimen:
 Test Name: SE- COELIACV

Coeliac Serology

Date	05/12/23		
Time F-Fast	1050 F		
Lab Id.	967910830	Units	Reference
AGA IgG	4.6	U/ml	(<7)
TTG IgA	<1	U/ml	(<7)

Comments on Collection 05/12/23 1050 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)

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: IS, FLS, CA, TSH, EUC, LFT, GF, VITD, FOL, B12, MG, HOLO-TC,
 A1C, FBE, AGA, TGLUT

Tests Pending :
 Sample Pending :

From: Melbourne Pathology
 Name: ELIZA COWBURN
 Address: 10 EDNA WAY GROVEDALE 3216
 DOB: 07/12/2003 Sex: F
 Your Reference:
 Lab. Reference: 967910830-H-E301
 Medicare Number: 3266301962
 Phone Enquiries:
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 Provider Nbr: 473424AX
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Request/Result Status: F - Final
Specimen:
Test Name: ED- DIABETES DIAGNOSIS

DIABETES DIAGNOSIS & MONITORING

Date	05/12/23		
Time F-Fast	1050 F		
Lab Id.	967910830	Units	Reference
HbA1c	5.0	%	(4.4-5.6)
HbA1c (IFCC)	31	mmol/mol	(25-38)
eAG	5.4	mmol/L	

Comments on Collection 05/12/23 1050 F:
HbA1c is Medicare rebateable, once per year, for diagnosis of diabetes mellitus in high risk people. The diagnostic cut-off is HbA1c $\geq 6.5\%$ (48 mmol/mol) in patients with normal red cell turnover.
For clinical enquiries, please contact Chemical Pathologist
Dr Andrew Carter on 9287 7720.

From 19/01/2021 Melbourne Pathology will be using capillary electrophoresis to measure HbA1c. The results are directly comparable to our previous results measured by HPLC but are more precise, and more accurate, in the presence of many haemoglobin variants.

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, CA, TSH, EUC, LFT, GF, VITD, FOL, B12, MG, HOLO-TC, A1C, FBE

Tests Pending : AGA, TGLUT

Sample Pending :

From: Melbourne Pathology
Name: ELIZA COWBURN
Address: 10 EDNA WAY GROVEDALE 3216
DOB: 07/12/2003 Sex: F
Your Reference:
Lab. Reference: 967910830-C-C316
Medicare Number: 3266301962
Phone Enquiries:
Referred By: DR AJITH MAHAVITHANA (473424AX)
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Reported: 06/12/2023 6:18:00 PM
Request/Result Status: F - Final
Specimen:
Test Name: SE-VITAMIN D

Date	12/07/23	05/12/23		
Time F-Fast	0939 F	1050 F		
Lab Id.	394327073	967910830	Units	Reference
S 25OH VIT D	79	123	nmol/L	(50-250)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, CA, TSH, EUC, LFT, GF, VITD, FOL, B12, MG, HOLO-TC, FBE
Tests Pending : A1C, AGA, TGLUT

Sample Pending :

From: Melbourne Pathology
Name: ELIZA COWBURN
Address: 10 EDNA WAY GROVEDALE 3216
DOB: 07/12/2003 Sex: F
Your Reference:
Lab. Reference: 967910830-C-C329
Medicare Number: 3266301962
Phone Enquiries:
Referred By: DR AJITH MAHAVITHANA (473424AX)
Provider Nbr: 473424AX
Copy to:
Addressee: DR AJITH MAHAVITHANA (473424AX)
Requested: 28/11/2023
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Received by lab: 05/12/2023 10:50:00 AM
Reported: 06/12/2023 6:18:00 PM
Request/Result Status: F - Final
Specimen:
Test Name: SE-B12/FOLATE VIRT

B12/FOLATE - Serum

Date	05/12/23		
Time F-Fast	1050 F		
Lab Id.	967910830	Units	Reference
S FOLATE	35.0	nmol/L	(>6.0)
S HoloTC	60	pmol/L	(>37)
S TOTAL B12	171 L	pmol/L	(200-700)

Comments on Collection 05/12/23 1050 F:

B12

High dose biotin (>5 mg/day) may artefactually increase total Vitamin B12 and Folate results obtained by this method. 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 clinical enquiries please contact Chemical Pathologist Dr Ken Sikaris on 9287 7720.

HOLO-TC

Both levels of HoloTC (Holo-transcobalamin) and total Vitamin B12 are in the low-normal ranges. Vitamin B12 deficiency cannot be completely excluded. Consider fasting homocysteine for further clarification if clinically indicated.

For clinical enquiries please contact Chemical Pathologist Dr Ken Sikaris on 9287 7720.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,CA,TSH,EUC,LFT,GF,VITD,FOL,B12,MG,HOLO-TC,FBE

Tests Pending : A1C,AGA,TGLUT

Sample Pending :

From: Melbourne Pathology
Name: ELIZA COWBURN
Address: 10 EDNA WAY GROVEDALE 3216
DOB: 07/12/2003 Sex: F
Your Reference:
Lab. Reference: 967910830-C-C010
Medicare Number: 3266301962
Phone Enquiries:
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 Request/Result Status: F - Final
 Specimen:
 Test Name: SE-IRON STUDIES

Date	12/07/23	05/12/23		
Time F-Fast	0939 F	1050 F		
Lab Id.	394327073	967910830	Units	Reference
S IRON	15	21	umol/L	(5-30)
S TRF	2.6	3.0	g/L	(2.0-3.6)
S TRF SAT	23	28	%	(10-45)
S FERRITIN	61	37	ng/mL	(30-200)

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, CA, TSH, EUC, LFT, GF, FOL, B12, MG, FBE
 Tests Pending : VITD, HOLO-TC, A1C, AGA, TGLUT
 Sample Pending :

From: Melbourne Pathology
 Name: ELIZA COWBURN
 Address: 10 EDNA WAY GROVEDALE 3216
 DOB: 07/12/2003 Sex: F
 Your Reference:
 Lab. Reference: 967910830-C-C012
 Medicare Number: 3266301962
 Phone Enquiries:
 Referred By: DR AJITH MAHAVITHANA (473424AX)
 Provider Nbr: 473424AX
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 Addressee: DR AJITH MAHAVITHANA (473424AX)
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 Received by lab: 05/12/2023 10:50:00 AM
 Reported: 06/12/2023 5:18:00 PM
 Request/Result Status: F - Final
 Specimen:
 Test Name: SE-LIPID - HDL/LDL

Date	28/04/23	12/07/23	05/12/23		
Time F-Fast	1114 F	0939 F	1050 F		
Lab Id.	393292051	394327073	967910830	Units	Reference
S CHOL	4.8	4.0	4.4	mmol/L	(3.5-5.5)
S TRIG	0.7	0.8	0.7	mmol/L	(<1.5)
S HDL-CHOL	2.21	1.79	1.91	mmol/L	(>1.20)
S LDL-CHOL	2.3	1.8	2.2	mmol/L	(<3.5)
S CHOL/HDLC	2.2	2.2	2.3		(<4.5)
S Non HDLC	2.6	2.2	2.5	mmol/L	(<3.9)

Comments on Collection 05/12/23 1050 F:

FLS

LIPID TARGET LEVELS:

The treatment target levels for people at high risk of cardiovascular disease are:

Total Cholesterol	<4.0 mmol/L
Fasting Triglycerides	<2.0 mmol/L
HDL-Cholesterol	>1.00 mmol/L
LDL-Cholesterol	<2.5 mmol/L (<1.8 mmol/L if very high risk)
Non-HDL Cholesterol	<3.3 mmol/L (<2.5 mmol/L if very high risk)

Source: AACB Harmonised Lipid Reporting Guideline - 2018.

Risk Calculator available at www.cvdcheck.org.au

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS, FLS, CA, TSH, EUC, LFT, GF, FOL, B12, MG, FBE
Tests Pending : VITD, HOLO-TC, A1C, AGA, TGLUT
Sample Pending :

From: Melbourne Pathology
Name: ELIZA COWBURN
Address: 10 EDNA WAY GROVEDALE 3216
DOB: 07/12/2003 Sex: F
Your Reference:
Lab. Reference: 967910830-C-C950
Medicare Number: 3266301962
Phone Enquiries:
Referred By: DR AJITH MAHAVITHANA (473424AX)
Provider Nbr: 473424AX
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Reported: 06/12/2023 5:18:00 PM
Request/Result Status: F - Final
Specimen:
Test Name: SE- CHEMISTRY

MULTIPLE BIOCHEMICAL ANALYSIS - Serum

Date	05/12/23		
Time F-Fast	1050 F		
Lab Id.	967910830	Units	Reference
S SODIUM	140	mmol/L	(135-145)
S POTASSIUM	4.0	mmol/L	(3.5-5.5)
S CHLORIDE	104	mmol/L	(95-110)
S BICARB	25	mmol/L	(20-32)
S UREA	3.5	mmol/L	(2.5-6.5)
S CREAT	66	umol/L	(45-85)
eGFR	>90		(>59)
S T-BIL	8	umol/L	(3-15)
S ALP	105	U/L	(20-105)
S GGT	15	U/L	(5-35)
S ALT	19	U/L	(5-30)
S AST	19	U/L	(10-35)
S T-PROTEIN	73	g/L	(64-81)
S ALBUMIN	42	g/L	(33-46)
S GLOBULIN	31	g/L	(23-41)
S CALCIUM	2.39	mmol/L	(2.15-2.55)
S CA (Corr)	2.35	mmol/L	(2.15-2.55)
S MAGNESIUM	0.75	mmol/L	(0.70-1.10)
S GLU (Fast)	5.2	mmol/L	(3.6-6.0)

Comments on Collection 05/12/23 1050 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: IS, FLS, CA, TSH, EUC, LFT, GF, FOL, B12, MG, FBE
Tests Pending : VITD, HOLO-TC, A1C, AGA, TGLUT
Sample Pending :

From: Melbourne Pathology
Name: ELIZA COWBURN
Address: 10 EDNA WAY GROVEDALE 3216
DOB: 07/12/2003 Sex: F
Your Reference:
Lab. Reference: 967910830-C-C187

Medicare Number: 3266301962
 Phone Enquiries:
 Referred By: DR AJITH MAHAVITHANA (473424AX)
 Provider Nbr: 473424AX
 Copy to:
 Addressee: DR AJITH MAHAVITHANA (473424AX)
 Requested: 28/11/2023
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 Received by lab: 05/12/2023 10:50:00 AM
 Reported: 06/12/2023 5:18:00 PM
 Request/Result Status: F - Final
 Specimen:
 Test Name: SE-THYROID VIRTUAL

THYROID FUNCTION TESTS - Serum

Date	12/07/23	05/12/23		
Time F-Fast	0939 F	1050 F		
Lab Id.	394327073	967910830	Units	Reference
S TSH(Roche)	1.59	1.65	mU/L	(0.5-5.0)

Comments on Collection 05/12/23 1050 F:
 TSH
 A normal TSH is consistent with a euthyroid state.

Dept Supervising Pathologist: Dr Andrew Carter

Melbourne Pathology NATA No.:2133

Tests Completed: IS,FLS,CA,TSH,EUC,LFT,GF,FOL,B12,MG,FBE
 Tests Pending : VITD,HOLC-TC, A1C,AGA,TGLUT
 Sample Pending :

From: Melbourne Pathology
 Name: ELIZA COWBURN
 Address: 10 EDNA WAY GROVEDALE 3216
 DOB: 07/12/2003 Sex: F
 Your Reference:
 Lab. Reference: 967910830-H-H900
 Medicare Number: 3266301962
 Phone Enquiries:
 Referred By: DR AJITH MAHAVITHANA (473424AX)
 Provider Nbr: 473424AX
 Copy to:
 Addressee: DR AJITH MAHAVITHANA (473424AX)
 Requested: 28/11/2023
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 Reported: 06/12/2023 11:48:00 AM
 Request/Result Status: F - Final
 Specimen:
 Test Name: ED-HAEMATOLOGY

HAEMATOLOGY - Blood/EDTA

Date	12/07/23	05/12/23		
Time F-Fast	0939 F	1050 F		
Lab Id.	394327073	967910830	Units	Reference
HAEMOGLOBIN	131	137	g/L	(115-160)
Hct	0.41	0.42		(0.35-0.47)
RBC	4.5	4.5	x10 ¹² /L	(3.7-5.2)
MCV	92	93	fL	(80-100)
MCH	29	30	pg	(27-34)
MCHC	320	325	g/L	(310-360)
RDW	13.0	12.8		(11-17)
PLATELETS	183	190	x 10 ⁹ /L	(150-450)
WHITE CELLS	4.2	3.5 L	x10 ⁹ /L	(4.0-11.0)
Neutrophils	1.9 L	1.5 L	x10 ⁹ /L	(2.0-7.5)
Lymphocytes	1.9	1.7	x10 ⁹ /L	(1.0-4.0)
Monocytes	0.4	0.3	x10 ⁹ /L	(0-1.0)
Eosinophils	0.0	0.0	x10 ⁹ /L	(0-0.5)

Basophils 0.0 0.0 x10*9/L (0-0.3)

Dept Supervising Pathologist: Dr Linda Saravanan

Melbourne Pathology NATA No.:2133

Tests Completed: FBE

Tests Pending : IS,FLS,CA,TSH,EUC,LFT,GF,VITD,FOL,B12,MG, A1C,AGA,TGLUT

Sample Pending :

eliza cowburn03@gmail.com

07/2 2003