

BOWERMAN, KATHERINE PHYLLIS
 72 LOCK STREET, MANJIMUP. 6258
 Phone: 0408307811
 Birthdate: 10/12/1993 Sex: F Medicare Number: 62174148951
 Your Reference: Lab Reference: F120003178
 Laboratory: PathWest
 Addressee: DR PETER JOHN WUTCHAK Referred by: DR PETER JOHN WUTCHAK

Name of Test: Lipids
 Requested: 14/07/2023 Collected: 20/07/2023 Reported: 20/07/2023
 09:56

LIPIDS

Specimen: Plasma Collected: 20/07/2023 08:12 Received: 20/07/2023 08:12
 Test Name Result Flag Ref-Range Units

Fasting Status	Fasting			
Total Cholesterol	4.9		<=5.5	mmol/L
Triglyceride	0.7		<=2.0	mmol/L
HDL cholesterol	1.3		>=1.2	mmol/L
LDL cholesterol	3.3	H	<=3.0	mmol/L
Non HDL cholesterol	3.6		<=4.0	mmol/L

Comment See below

Pharmacotherapy for lipid lowering should aim towards the following targets while balancing the risks/benefits.

Total cholesterol	<4.0 mmol/L
Triglyceride	<2.0 mmol/L
HDL cholesterol	>=1.0 mmol/L
LDL cholesterol	<2.0 mmol/L
Non HDL cholesterol	<2.5 mmol/L

[National Vascular Disease Prevention Alliance. Guidelines for the management of absolute cardiovascular disease risk. 2012]

Absolute cardiovascular risk assessment should be performed on all adults aged between 45-75 years without existing CVD or not already known to be at increased risk of CVD.

(A CVD risk calculator is provided at www.cvdcheck.org.au/)

Key for Lab Flag Column: L - Low, H - High, AB - Abnormal
 Key for Micro - ** Result modified after Final Status

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Name of Test: Routine Biochemistry
 Requested: 14/07/2023 Collected: 20/07/2023 Reported: 20/07/2023
 10:01

ROUTINE BIOCHEMISTRY

Specimen: Plasma Collected: 20/07/2023 08:12 Received: 20/07/2023 08:12

Specimen: Plasma Collected: 20/07/2023 08:12 Received: 20/07/2023 08:12

Test Name	Result	Flag	Ref-Range	Units
Electrolytes, Urea and Creatinine				
Sodium	137		135 - 145	mmol/L
Potassium	4.0		3.5 - 5.2	mmol/L
Bicarbonate	25		22 - 32	mmol/L
Urea	5.4		3.0 - 8.0	mmol/L
Creatinine	57		45 - 90	umol/L
eGFR	>90		>60	mL/min/1.73m2
eGFR Comment	See below			

Estimated GFR (eGFR) by CKD-EPI algorithm uses creatinine, sex and patient age ONLY. eGFR is only applicable to patients with stable medical conditions, may not always be appropriate for drug dosing and does not apply to pregnant females, children, advanced age, extremes of weight or patients on dialysis.

Glucose				
Fasting Status	Fasting			
Glucose	5.2		3.0 - 5.4	mmol/L

Liver Function Tests				
Total Protein	75		60 - 80	g/L
Albumin	41		35 - 50	g/L
Globulin	34		25 - 42	g/L
Bilirubin	11		<20	umol/L
ALT	16		<35	U/L
ALP	30		30 - 110	U/L
GGT	15		<40	U/L
C Reactive Protein	<1.0		<5.0	mg/L

Calcium Studies				
Calcium - Total	2.41		2.10 - 2.60	mmol/L
Albumin	41		35 - 50	g/L
Calcium - Corrected	2.39		2.10 - 2.60	mmol/L
Phosphate	1.22		0.75 - 1.50	mmol/L

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Name of Test: Full Blood Picture
 Requested: 14/07/2023 Collected: 20/07/2023 Reported: 20/07/2023
 11:04

FULL BLOOD PICTURE

Specimen: Blood Collected: 20/07/2023 08:12 Received: 20/07/2023 08:12

Test Name	Result	Flag Ref-Range	Units
White cell count	4.74	4.00 - 11.00	10*9/L
Haemoglobin	133	115 - 160	g/L
Platelet count	344	150 - 400	10*9/L
Red cell count	4.39	3.80 - 4.80	10*12/L
Haematocrit	0.39	0.37 - 0.47	L/L
Mean cell volume	88	80 - 100	fL
MCH	30.3	27.0 - 32.0	pg
MCHC	343	320 - 360	g/L
RDW	12.7	9.0 - 15.0	CV%
MPV	9	8 - 12	fL
Absolute Cell Count			
Neutrophils	2.56	2.00 - 7.50	10*9/L
Lymphocytes	1.47	1.20 - 4.00	10*9/L
Monocytes	0.48	0.20 - 1.00	10*9/L
Eosinophils	0.19	0.00 - 0.50	10*9/L
Basophils	0.04	0.00 - 0.20	10*9/L
Differential			
Neutrophils	54.1		%
Lymphocytes	31.0		%
Monocytes	10.1		%
Eosinophils	4.0		%
Basophils	0.8		%
Erythrocyte Sedimentation Rate			
ESR	6	1 - 20	mm/h

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Name of Test: Immunoglobulins- GAM
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
12:10

IMMUNOGLOBULINS
Specimen: Serum Collected: 20/07/2023 08:12 Received: 21/07/2023 11:21
Test Name Result Flag Ref-Range Units
Immunoglobulin A 1.65 0.60 - 3.40 g/L
Comment See below
Coeliac serology to follow.

Key for Lab Flag Column: L - Low, H - High, AB - Abnormal
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Name of Test: Diabetes Mellitus Testing
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
12:11

DIABETES MELLITUS TESTING

Specimen: Blood Collected: 20/07/2023 08:12 Received: 21/07/2023 11:19
Test Name Result Flag Ref-Range Units

HbA1c (NGSP)	5.2	<6.0	%
HbA1c (IFCC)	33	<42	mmol/mol
Comment	See below		

Not consistent with diabetes mellitus.
Interpret HbA1c results with caution in the presence of
haemoglobinopathy, anaemia, iron deficiency or renal failure.
The diagnostic utility of HbA1c has not been established in children or
pregnancy.

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Name of Test: Iron Studies
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
12:26

IRON STUDIES

Specimen: Serum Collected: 20/07/2023 08:12 Received: 21/07/2023 11:21
Test Name Result Flag Ref-Range Units

Ferritin	128	30 - 300	ug/L
Iron	22	9 - 30	umol/L
Transferrin	28	23 - 46	umol/L
Transferrin saturation	39	13 - 45	%
Comment	See below		

Normal results.

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Name of Test: Thyroid Function Tests
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
12:26

THYROID FUNCTION TESTS
Specimen: Serum Collected: 20/07/2023 08:12 Received: 21/07/2023 11:21
Test Name Result Flag Ref-Range Units
TSH 1.01 0.40 - 4.00 mU/L
Free thyroxine 12 9 - 19 pmol/L

Key for Lab Flag Column: L - Low, H - High, AB - Abnormal
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Addressee: DR PETER JOHN WUTCHAK Referred by: DR PETER JOHN WUTCHAK

Name of Test: Vitamins
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
12:37

VITAMINS

Specimen: Serum Collected: 20/07/2023 08:12 Received: 21/07/2023 11:21
Test Name Result Flag Ref-Range Units

Vitamin B12 340 140 - 1000 pmol/L

Comment See below

Vitamin B12 deficiency is unlikely. Holotranscobalamin (Active B12) is not indicated. This result should be interpreted with the clinical picture.

Folate 37.5 >7.0 nmol/L

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Name of Test: Calcium and Bone Markers
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
12:37

CALCIUM AND BONE MARKERS
Specimen: Serum Collected: 20/07/2023 08:12 Received: 21/07/2023 11:21
Test Name Result Flag Ref-Range Units
Vitamin D 25 OH 99 >50 nmol/L

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Birthdate: 10/12/1993 Sex: F Medicare Number: 62174148951
Your Reference: Lab Reference: F120003289
Laboratory: PathWest
Addressee: DR PETER JOHN WUTCHAK Referred by: DR PETER JOHN WUTCHAK

Name of Test: Enteric PCR
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
18:43

ENTERIC PCR

Specimen: Faeces Collected: 20/07/2023 07:30 Received: 21/07/2023 13:40
Test Name Result Flag Ref-Range Units

SPECIMEN

Consistency Loose

BACTERIAL PCR

Salmonella	Not detected
Shigella/Enteroinvasive	Not detected
E.coli	
Campylobacter	Not detected
Shiga toxin 1 and/or 2 genes	Not detected

PARASITE PCR

Giardia intestinalis	Not detected
Cryptosporidium	Not detected
Entamoeba histolytica	Not detected

ENTERIC PCR COMMENT

Comment See below

This test has not been fully validated to the current NPAAC requirements. Therefore, it is not NATA/RCPA endorsed and the results should be interpreted with other clinical and laboratory information. For further information please contact the laboratory.

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Addressee: DR PETER JOHN WUTCHAK Referred by: DR PETER JOHN WUTCHAK

Name of Test: Faecal Calprotectin
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 24/07/2023
13:05

FAECAL BIOCHEMISTRY TESTS

Specimen: Faeces Collected: 20/07/2023 07:30 Received: 21/07/2023 15:14
Test Name Result Flag Ref-Range Units

Faecal Calprotectin
Calprotectin 6 <100 ug/g faeces

Test ID
Ref Range Calprotectin
Units <100
ug/g faeces

Lab Order# Collected: Specimen:
F120003289 20/07/23 07:30 Faeces 6

Key for Lab Flag Column: L - Low, H - High, AB - Abnormal
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 Laboratory: PathWest
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Name of Test: Coeliac Screen
 Requested: 14/07/2023 Collected: 20/07/2023 Reported: 25/07/2023
 15:57

IMMUNOLOGY

Specimen: Serum
 Collected: 20/07/2023 08:12 Received: 21/07/2023 13:51

Coeliac Screen

	23/11/2021 09:24 C123004026	20/07/2023 08:12 F120003178	Ref Range	Unit
Immunoglobulin A	1.69	1.65	0.60 - 3.40	g/L
Tissue	1	1	< 7	U/mL
transglutaminase				
IgA				
TTA result				
interpretation				
Comments for F120003178				
Method TTGA:				
Reference Ranges for IgA tTG				
<7 U/mL: Normal				
7-10 U/mL: Equivocal				
>10 U/mL: Positive				

IgA tissue TransGlutaminase (tTG) positivity has a high specificity for coeliac disease although small bowel biopsy is recommended to confirm the diagnosis. Serological tests may miss 5% of true coeliac patients and may be negative if the patient is on a gluten free diet. If there is a strong clinical suspicion, small bowel biopsy whilst on gluten-containing diet is diagnostic.

Legend: H=High L=Low

25/07/2023 15:56

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Your Reference: Lab Reference: F120003178

Laboratory: PathWest

Addressee: DR PETER JOHN WUTCHAK Referred by: DR PETER JOHN WUTCHAK

Name of Test: Immunoglobulins- GAM

Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
12:10

IMMUNOGLOBULINS

Specimen: Serum Collected: 20/07/2023 08:12 Received: 21/07/2023 11:21

Test Name	Result	Flag	Ref-Range	Units
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Immunoglobulin A	1.65		0.60 - 3.40	g/L
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Comment	See below			
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Coeliac serology to follow.

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Key for Micro - ** Result modified after Final Status

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Name of Test: Enteric Investigations
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 21/07/2023
18:59

ENTERIC INVESTIGATIONS
Specimen: Faeces

Collected: 20/07/2023 07:30
Received: 20/07/2023 08:19

Ova, Cysts and Parasites

FINAL

Seen: Blastocystis hominis (blahom)
The clinical significance of Blastocystis species is unclear, but if there is ongoing diarrhoea and no alternative pathogen is found, treatment with metronidazole or trimethoprim-sulfamethoxazole may be considered.

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Your Reference: Lab Reference: F120003283
Laboratory: PathWest
Addressee: DR PETER JOHN WUTCHAK Referred by: DR PETER JOHN WUTCHAK

Name of Test: VCS Cervical Screening
Requested: 14/07/2023 Collected: 20/07/2023 Reported: 14/08/2023
15:26

Comments

Human papillomavirus High-risk Screening PCR was cancelled; Swab sent to VCS.
Cervical Screening Test was cancelled; V

Test Name	Result	Flag Ref-Range	Units
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Specimen: Collected: 20/07/2023 07:50 Received: 27/07/2023 09:29
Referred to Victorian

Cytology
Services
Date Referred 27/07/2023

Cervical Screening See below

Testing has been completed by the external referral laboratory.
A copy of the report is attached or alternatively a hardcopy report will be sent by mail.

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