


RESULTS & ENQUIRIES
13PATH (7284)

 PathWest Laboratory Medicine WA
 Locked Bag 2009
 Nedlands WA 6909
www.pathwest.health.wa.gov.au

 Requestor: CARMEN ABAFFY
 Consultant: CARMEN ABAFFY
 Order No: F911005657
 Clinic: DOCTOR'S SURGERY
 Ext. Ref:
 Requested: 10/03/2024

 Patient: WILLIAMS
 AMY JANET
 Sex: Female
 UMRN: F2423250
 IHI#: 8003601143473929
 Ext MRN:
 DOB: 05/02/1992
 Age: 32 years

ROUTINE BIOCHEMISTRY

Specimen: Serum

Collected: 11/03/2024 10:19

Received: 11/03/2024 13:16

Test Name	Result	Flag	Ref-Range	Units
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Electrolytes, Urea and Creatinine

Sodium	141		135 - 145	mmol/L
Potassium	4.3		3.5 - 5.2	mmol/L
Bicarbonate	25		22 - 32	mmol/L
Urea	3.8		3.0 - 8.0	mmol/L
Creatinine	64		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.

Liver Function Tests

Total Protein	75		60 - 80	g/L
Albumin	43		35 - 50	g/L
Globulin	32		25 - 42	g/L
Bilirubin	7		<20	umol/L
ALT	17		<35	U/L
ALP	113	H	30 - 110	U/L
GGT	22		<40	U/L
C Reactive Protein	8.1	H	<5.0	mg/L

Calcium Studies

Calcium - Total	2.24		2.10 - 2.60	mmol/L
Calcium - Corrected	2.18		2.10 - 2.60	mmol/L
Magnesium	0.76		0.70 - 1.10	mmol/L
Phosphate	0.95		0.75 - 1.50	mmol/L

GLUCOSE

Specimen: Plasma

Collected: 11/03/2024 10:19

Received: 11/03/2024 13:15

Test Name	Result	Flag	Ref-Range	Units
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Fasting Status	Fasting			
Glucose	4.3		3.0 - 5.4	mmol/L

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

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Ext MRN:DOCTOR'S SURGERY
AUSTRALIA54 COOLIBAH AVENUE
DUDLEY PARK WA 6210**FULL BLOOD PICTURE**

Specimen: Blood

Collected: 11/03/2024 10:19

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Test Name	Result	Flag	Ref-Range	Units
White cell count	7.62		4.00 - 11.00	10 ⁹ /L
Haemoglobin	130		115 - 160	g/L
Platelet count	376		150 - 400	10 ⁹ /L
Red cell count	4.75		3.80 - 4.80	10 ¹² /L
Haematocrit	0.40		0.37 - 0.47	L/L
Mean cell volume	85		80 - 100	fL
MCH	27.4		27.0 - 32.0	pg
MCHC	322		320 - 360	g/L
RDW	12.8		9.0 - 15.0	CV%
MPV	10		8 - 12	fL

Absolute Cell Count

Neutrophils	4.01	2.00 - 7.50	10 ⁹ /L
Lymphocytes	3.00	1.20 - 4.00	10 ⁹ /L
Monocytes	0.52	0.20 - 1.00	10 ⁹ /L
Eosinophils	0.04	0.00 - 0.50	10 ⁹ /L
Basophils	0.05	0.00 - 0.20	10 ⁹ /L

Differential

Neutrophils	52.6	%
Lymphocytes	39.4	%
Monocytes	6.8	%
Eosinophils	0.5	%
Basophils	0.7	%

ERYTHROCYTE SEDIMENTATION RATE

Test Name	Result	Flag	Ref-Range	Units
ESR	34	H	1 - 20	mm/h

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Age: 32 years

LIPIDS

Specimen: Serum

Collected: 11/03/2024 10:19

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Test Name	Result	Flag	Ref-Range	Units
Fasting Status	Fasting			
Total Cholesterol	4.6		<=5.5	mmol/L
Triglyceride	0.8		<=2.0	mmol/L
HDL cholesterol	1.1	L	>=1.2	mmol/L
LDL cholesterol	3.1	H	<=3.0	mmol/L
Non HDL cholesterol	3.5		<=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/)

CALCIUM AND BONE MARKERS

Specimen: Serum

Collected: 11/03/2024 10:19

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Test Name	Result	Flag	Ref-Range	Units
Vitamin D 25 OH	73		>50	nmol/L

IRON STUDIES

Specimen: Serum

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Test Name	Result	Flag	Ref-Range	Units
Ferritin	73		30 - 300	ug/L
Iron	13		9 - 30	umol/L
Transferrin	32		23 - 46	umol/L
Transferrin saturation	20		13 - 45	%
Comment	See below			

Normal results.

THYROID FUNCTION TESTS

Specimen: Serum

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Test Name	Result	Flag	Ref-Range	Units
TSH	1.07		0.40 - 4.00	mU/L

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Sex: Female **DOB:** 05/02/1992
UMRN: F2423250 **Age:** 32 years
IHI#: 8003601143473929
Ext MRN:**HUMAN IMMUNODEFICIENCY VIRUS SEROLOGY**

Specimen: Serum

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HIV Serology

HIV-1/2 Ag/Ab Screen (CMIA) Not detected

HIV Serology Comment

Comment See below

HIV antibodies and antigen may not be present early in HIV infection, therefore exclusion of infection requires testing at least 3 months after the last potential exposure. Additionally, if there is a high risk of HIV seroconversion, testing should be repeated in 1-2 weeks.

(CMIA = Chemiluminescent Microparticle Immunoassay)
(EIA = Enzyme Immunoassay)

Copy to: COPY FOR PATIENT; CRAIG THOMSON

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