



# ELIZABETH ROSE ASHMAN

Referrer **Dr Virginia Reid**

Address APPLETREE FAM PRAC SUITE 2 20-22 SMITH STREET  
CHARLESTOWN NSW 2290

Phone 0249226400

Lab ID **841706235** DOB **04/08/1976 (45 Yrs FEMALE)**  
Your ref.

Address 16 SEACROFT CL  
BELMONT NORTH NSW 2280

Phone 0429458906

Copy to Dr Malcolm Barlow (0249574535)  
Dr Odette McNeill (0249506842)

Requested 24/08/2021  
Collected 26/08/2021 07:35 AEDT  
Received 26/08/2021 08:05 AEDT

## Biochemistry

Test Name	Result	Units	Reference Interval
Status	Fasting		
Sodium	139 ✓	mmol/L	135 - 145
Potassium	4.5 ✓	mmol/L	3.5 - 5.5
Chloride	105 ✓	mmol/L	95 - 110
Bicarbonate	23 ✓ L	mmol/L	20 - 32
Urea	4.4	mmol/L	2.5 - 7.0
Creatinine	60 L	umol/L	45 - 85
eGFR	>90 ✓	mL/min/1.73m2	>59
Total Bilirubin	11 ✓	umol/L	3 - 15
Alk Phos	66 L	U/L	20 - 105
Gamma GT	10 ✓	U/L	5 - 35
LDH	176 ✓	U/L	120 - 250
AST	16 ✓	U/L	10 - 35
ALT	17 ✓	U/L	5 - 30
Total Protein	68 ✓ L	g/L	68 - 85
Albumin	41 ✓	g/L	37 - 48
Globulin	27 ✓	g/L	23 - 39
Cholesterol	4.1 ✓	mmol/L	3.9 - 5.5
Triglycerides	1.3 ✓	mmol/L	0.5 - 1.7

impaired protein

2mc

## Comments

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

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## C Reactive Protein (High Sens)

Test Name	Result	Units	Reference Interval
CRP	1.7 ✓	mg/L	0.0 - 5.0

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## Lipids and HDL

Test Name	Result	Units	Reference Interval
Status	Fasting		
Cholesterol	4.1 ✓	mmol/L	3.9 - 5.5
Triglycerides	1.3 ✓	mmol/L	0.5 - 1.7
HDL Cholesterol	1.1 ✓	mmol/L	0.9 - 2.1
LDL Cholesterol	2.4 ✓	mmol/L	1.7 - 3.5

## Comments

According to current guidelines (Position Statement 2005), suggested targets are:

HDL Cholesterol	> 1.0 mmol/L
LDL Cholesterol	<2.0 mmol/L (for patients at high risk) <2.5 mmol/L (for patients at lower risk)
Triglycerides	<1.5 mmol/L

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## Thyroid Function

Test Name	Result	Units	Reference Interval
TSH	1.18 ✓	mIU/L	0.40 - 3.50

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## Haemoglobin A1c

Test Name	Result	Units	Reference Interval
HbA1c (IFCC)	38	mmol/mol	20 - 38
● HbA1c	<b>5.7 H</b>	%	4.0 - 5.6

\* insulin resistance?

## Comments

HbA1c TARGET LEVELS (mmol/mol) for adults with diabetes mellitus (DM) \*

<43 (<6.1%) recent type 2 DM either in pregnancy/planning pregnancy  
or requiring lifestyle modification +/- metformin

<49 (<6.6%) recent type 2 DM requiring treatment other than  
metformin or insulin

<54 (<7.1%) GENERAL TARGET for type 1 DM including pregnancy/planning  
pregnancy and type 2 DM of long duration or with clinical  
cardiovascular disease (any therapy) or requiring insulin

<65 (<8.1%) type 1 or type 2 DM associated with recurrent  
severe hypoglycaemia or hypoglycaemia unawareness

\* Position Statement of the Australian Diabetes Society MJA  
2009;191(6):339-346.  
Please note that on 19/08/2021, HbA1c measurement changed from the Biorad  
D-100 to the Sebia Capillars 3 method.

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## Haematology

Test Name	Result	Units	Reference Interval
<b>Haemoglobin</b>	137	g/L	119 - 160
Red cell count	4.8 ✓	$\times 10^{12}/L$	3.8 - 5.8
Haematocrit	0.43 ✓		0.35 - 0.48
MCV	91 <i>sl H</i>	fL	80 - 100
MCH	28.8 ✓	pg	27.0 - 32.0
MCHC	317 <i>rL</i>	g/L	310 - 360
RDW	13.2		10.0 - 15.0
<b>White cell count</b>	9.2 <i>H</i>	$\times 10^9/L$	4.0 - 11.0
Neutrophils	5.68 <i>H</i>	$\times 10^9/L$	2.0 - 7.5
Lymphocytes	2.78 <i>H</i>	$\times 10^9/L$	1.0 - 4.0
Monocytes	0.59 <i>H</i>	$\times 10^9/L$	0.0 - 1.0
Eosinophils	0.12 ✓	$\times 10^9/L$	0.0 - 0.5
Basophils	0.04 ✓	$\times 10^9/L$	0.0 - 0.3
NRBC	<1.0	/100 WBC	<1
<b>Platelets</b>	244	$\times 10^9/L$	150 - 450
ESR	N/A		Insufficient specimen

*B12/folate/c*  
*B12/folate/low Hct*  
*chronic infection*  
*bacterial/inflammation/c*  
*bacterial or viral*  
*bacterial or viral, could be gut inflamm*

## Comments

Full blood count is within reference limits

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## Antinuclear Antibodies

ANA Not Detected

## Comments

(Screened at a titre of 80)

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