

**PATIENT NAME**

GO, ZACHARY S.



MAXICARE BGC

<b>DOB</b>	<b>AGE</b>	<b>SEX</b>	<b>SAMPLE RECEIVE DATE/TIME</b>	<b>YOUR REF</b>	<b>REFERRING DOCTOR</b>
DEC 28 1972	51Y	M	JAN 15 2024 09:16	EMEDSAPCC-3658436-1389187 -1168011052409342	NOT PROVIDED

<b>ANALYTE</b>	<b>RESULT</b>	<b>SI UNIT</b>	<b>REF RANGE</b>	<b>RESULT</b>	<b>CONV UNIT</b>	<b>REF RANGE</b>
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**Renal Function**

Sodium	139	mmol/L	136 - 145	139	meq/L	136 - 145
Creatinine (with eGFR)	100.4	umol/L	63.6 - 110.5	1.135	mg/dL	0.719 - 1.249
eGFR	78.3	mL/min/1.73m <sup>2</sup>	>= 60.0			

Estimated glomerular filtration rate (eGFR) is invalid for pregnant women, those with extreme body size, muscle mass and nutritional status.

\*The CKD-EPI equation is applicable only for 18 years old and above. All estimating equations used in adult populations become less accurate as GFR increases, such as in people with normal kidney function. Please correlate clinically.

Potassium	4.5	mmol/L	3.5 - 5.1	4.5	meq/L	3.5 - 5.1
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**Mineral and Vitamin Studies**

25-OH Vitamin D	▼ 47.6	nmol/L	75.0 - 100.0	19.04	ng/mL	30.00 - 40.00
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**Anaemia Studies**

Vitamin B12	292.0	pmol/L	138.0 - 652.0	396	pg/mL	187 - 883
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**Liver Function**

ALT (SGPT)	19	IU/L	< 55	19	U/L	< 55
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**Lipid Studies**

Total Cholesterol	2.93	mmol/L	< 5.20	113	mg/dL	< 200
HDL Cholesterol	▼ 1.01	mmol/L	> 1.03	39	mg/dL	> 40
Non-HDL Cholesterol	1.92	mmol/L	< 3.36	74	mg/dL	< 130
Triglycerides	▲ 1.72	mmol/L	< 1.70	152	mg/dL	< 150
LDL Cholesterol	1.14	mmol/L	< 2.58	44	mg/dL	< 100

RESULT FLAGS ▼ Low ▼ Critically Low ▲ High ▲ Critically High

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**Lipid Studies**

VLDL Cholesterol	0.78	mmol/L	< 0.80	30	mg/dL	< 31
Total Cholesterol/HDL	2.90	ratio	< 5.00	2.9	ratio	< 5.0

**Diabetic Studies**

Glucose (Fasting)	5.79	mmol/L	3.89 - 5.83	104.32	mg/dL	70.09 - 105.04
HbA1c (IFCC)	▲ 50.0	mmol/mol	20.2 - 37.7	50.0	mmol/mol	20.2 - 37.7

**Non-diabetic:** 20.2 - 37.7 mmol/mol  
**Pre-diabetes:** 38.8 - 46.4 mmol/mol  
**Diabetic:** >=47.5 mmol/mol

HbA1c (NGSP)	▲ 6.80	%	4.00 - 5.60	6.80	%	4.00 - 5.60
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**Non-diabetic:** 4.0 - 5.6 %  
**Pre-diabetes:** 5.7 - 6.4 %  
**Diabetic:** >=6.5 %

Estimated Average Glucose (eAG)	8.2	mmol/L		148	mg/dL	
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**Method:** Ion Exchange High Performance Liquid Chromatography (HPLC)

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▲ High ▲ Critically High

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#### Important Notice

This lab report is intended to be interpreted by a qualified medical doctor in conjunction with clinical evaluation and other diagnostic procedures.

#### Validated by

Scientist Mary Dandelyn Joy C. Nepomuceno RMT (PRC License# 00621)  
Pathologist Dennis Jose S. Carbonell M.D. (PRC License# 0110531)

#### Sample Collection Date/Time

EDTA WB 15-Jan-2024 09:16  
FluorideF 15-Jan-2024 09:16  
Serum 15-Jan-2024 09:16

#### Test Status

Released Sodium, Creatinine (with eGFR), Potassium, 25-OH Vitamin D, Vitamin B12, ALT (SGPT), Lipid Profile, Fasting, Glucose (Fasting), HbA1c

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