

Lab ID **530355217**

DOB **27/10/1966 (58 Yrs MALE)**

Referrer **To Vera (Patient To Pay) Dahlstrom**

Your ref.

Address **COMPLEMENTARY MEDICINE 4 JACK ST
ATHERTON QLD 4883**

Address **1/13 HERBERTON ROAD
ATHERTON QLD 4883**

Phone

Phone **0418400348**

Copy to **To Commercial Testing Department (0733778485)**

Requested **16/04/2025**

Clinical Notes **Not Provided**

Collected **16/04/2025 09:46**

Received **16/04/2025 09:46**

Zinc

Test Name	Result	Reference Interval	Units
Zinc-plasma	13.1	9.0 - 19.0	umol/L

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Reported on 19-Apr-25 12:18

Test Name	Result	Reference Interval	Units
Albumin	38	32 - 44	g/L
● Cholesterol	6.1 H	<5.6	mmol/L
Triglyceride	0.8	<2.1	mmol/L
Haemolysis Index	6	<40	

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Reported on 17-Apr-25 00:04

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Lipid Profile

Test Name	Result	Reference Interval	Units
● Cholesterol	6.1 H	<5.6	mmol/L
Triglyceride	0.8	<2.1	mmol/L
HDL	1.24	>0.89	mmol/L
● LDL	4.5 H	<4.1	mmol/L
● Tot Chol/HDL	4.9 H	<4.6	
● Non HDLC	4.86 H	<3.81	mmol/L

Comments

LDL is now calculated by the Sampson equation which allows an accurate result at higher triglyceride levels.

The National Vascular Disease Prevention Alliance (NVDPA) guidelines recommend a target level of less than 2.5 mmol/L for non-HDLC.

TFT's are recommended in follow-up to exclude secondary causes of hypercholesterolemia (if not recently performed elsewhere).

TARGET LEVELS:

The National Vascular Disease Prevention Alliance (NVDPA) treatment target levels for high risk people (known coronary heart and other arterial disease, diabetes, chronic renal failure, Aboriginal and Torres Strait Islander peoples and familial hyperlipidaemic conditions) are:

Total Cholesterol	<4.0 mmol/L
HDL-Cholesterol	>=1.00 mmol/L
Fasting Triglycerides	<2.0 mmol/L
Non-HDL Cholesterol	<2.5 mmol/L

Increased non-HDL Cholesterol is the most significant marker for subclinical atherosclerosis (ref: Cardiology Today 2013; 3(2) : pp25-27).

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Androgens

Test Name	Result	Reference Interval	Units
Testosterone	22.1	11.0 - 40.0	nmol/L
SHBG	31	10.0 - 70.0	nmol/L
Calculated Free Testosterone	540	260 - 740	pmol/L

Comments

SHBG performed on the Abbott immunoassay.

The Vermuelen calculation is the preferred measurement of free testosterone, and overcomes some of the inaccuracies of the FAI ratio.

Calculated free testosterone reference interval established in a cohort of young healthy males aged 20 - 35 years. In older healthy males calculated free testosterone may drop down to 90 pmol/L.

SM

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