



Lab ID 532456012

DOB 12/03/1946 (79 Yrs MALE)

Referrer To Vera (Patient To Pay) Dahlstrom

Your ref.

Address COMPLEMENTARY MEDICINE 4 JACK ST  
ATHERTON QLD 4883

Address 124 MAUNDS ROAD  
ATHERTON QLD 4883

Phone

Phone 0407750709

Copy to To Commercial Testing Department (0733778485)  
Attn: Registrar Qld Cancer Registry (0736345333)

Requested 30/08/2025

Clinical Notes Not Provided

Collected 30/08/2025 08:30

Received 30/08/2025 08:30

## Lipid Profile

Test Name	Result	Reference Interval	Units
Cholesterol	4.9	<5.6	mmol/L
Triglyceride	1.2	<2.1	mmol/L
HDL	1.23	>0.89	mmol/L
LDL	3.2	<4.1	mmol/L
Tot Chol/HDL	4.0	<4.6	
Non HDLC	3.67	<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.

### 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).

CA

SULLIVAN NICOLAIDES PTY LTD. ABN 38 078 202 196. NATA/RCPA ACCREDITATION NO 1964

Reported on 31-Aug-25 14:39



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Homocysteine

Test Name	Result	Reference Interval	Units
Homocysteine	12.7	<15	umol/L

Comments

Serum homocysteine levels are markedly elevated (50 - 500 umol/L) in homocystinuria which is associated with childhood onset of ocular lens displacement, skeletal abnormalities and arterial and venous thromboses. Moderate elevations of serum homocysteine (16 - 100 umol/L) are seen in folic acid, vitamin B12 and pyridoxine deficiencies, several genetic defects, and renal failure. Elevated levels of serum homocysteine are associated with increased risk of atherosclerosis and venous thromboembolism.

EA

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Reported on 31-Aug-25 15:05

Lipoprotein (a)	<5	<75	nmol/L
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Comments

The Australian Atherosclerosis Society suggests the following cardiovascular risk thresholds (Heart Lung Circ. 2023 Mar;32(3):287-296).

Estimated ASCVD risk	Lp(a) level (in nmol/L)
Low	< 100
Moderate	100 - 200
High	200 - 400
Very high	> 400

Higher concentrations of Lipoprotein (a) may be seen in renal impairment, pregnancy, hypothyroidism, growth hormone replacement, and inflammatory conditions. Severe acute phase conditions, hyperthyroidism, and menopausal hormone therapy may decrease concentrations.

AE

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Reported on 31-Aug-25 17:56

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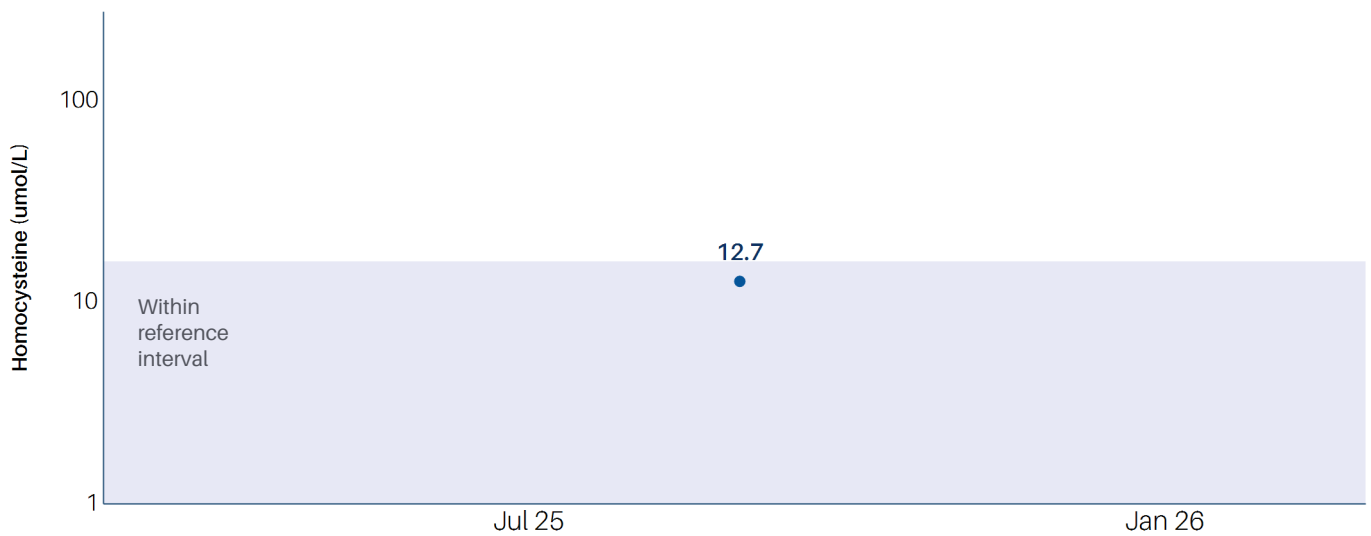
Phone 0407 750 709

To Vera (Patient To Pay) Dahlstrom D13160  
Complementary Medicine CORPOST  
4 Jack St  
ATHERTON QLD 4883

Requested 30 Aug 2025  
Collected 30 Aug 2025 08:30 am  
Received 30 Aug 2025 08:30 am  
Reported 31 Aug 2025 15:08 pm

Copy to To Commercial Testing Department (07) 3377 8485  
Attn: Registrar QLD Cancer Registry (07) 3634 5333

## Homocysteine



### LEGEND

- Reference interval ( <15 )
- Within reference interval
- Out of reference interval

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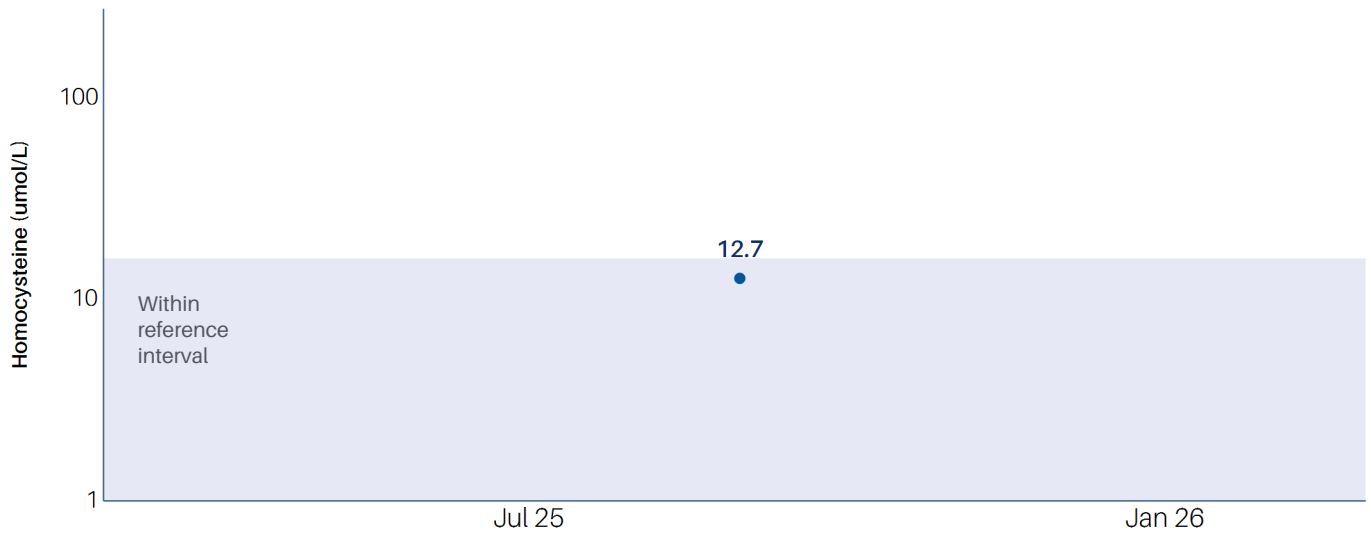
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## Homocysteine



### LEGEND

- Reference interval ( <15 )
- Within reference interval
- Out of reference interval