

Lab ID **528193755**

DOB **20/01/1994 (31 Yrs FEMALE)**

Referrer **To Racheal (Patient To Pay) Lee**

Your ref.

Address COMPLEMENTARY MEDICINE 6/115 SHINGLEY BEACH DR
SHINGLEY BEACH RESORT
AIRLIE BEACH QLD 4802

Address 4 LYNDON COURT
CANNON VALLEY QLD 4800

Phone

Phone 0423681149

Copy to To Commercial Testing Department (0733778485)
Dr Yue R Tan (0749483323)

Requested 15/03/2025

Clinical Notes Not Provided

Collected 15/03/2025 08:01

Received 15/03/2025 08:01

MTHFR Genotyping

Specimen
MTHFR C677T
MTHFR A1298C

EDTA Blood
Mutation Not Detected
Heterozygous Mutation Detected *

Please note these variants are known as c.665C>T, p.Ala222Val and c.1286A>C, p.Glu429Ala, according to HGVS nomenclature; RefSeqGene: NM_005957.4.

Comments

This patient is heterozygous for the A1298C variant of the MTHFR gene (c.1286A>C). Heterozygosity for this variant is common, occurring in approximately 35-40% of the population. Heterozygosity for this variant has not been shown to be associated with increased risk of thrombotic disease.

Test Information:

Testing was carried out by real-time PCR and melt curve analysis for two variants of the MTHFR gene, c.665C>T (p.Ala222Val, also known as C677T) and c.1286A>C (p.Glu429Ala, also known as A1298C).

As they are typically only carried out once per patient, corroboration of genetic test results should be considered - e.g. by reference to other clinical or laboratory information or by repeat testing.
For clinician enquiries regarding these results, please contact Dr James Harraway (07 3377 8666).

CB

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

Reported on 27-Mar-25 13:32

Lab ID **528193755**

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Phone **0423681149**

Copy to **To Commercial Testing Department (0733778485)
Dr Yue R Tan (0749483323)**

Requested **15/03/2025**

Clinical Notes **Not Provided**

Collected **15/03/2025 08:01**

Received **15/03/2025 08:01**

Homocysteine

Test Name	Result	Reference Interval	Units
Homocysteine	4.2	<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.

MN

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

Reported on 17-Mar-25 09:44

LAB ID 528193755 DOB 20/01/1994 (31Y Female)

Referring Doctor To Racheal (Patient To Pay) Lee

Your ref.

Address 4 Lyndon Court
CANNON VALLEY QLD 4800

Phone 0423 681 149

To Racheal (Patient To Pay) Lee

L14474

Complementary Medicine

CORPOST

6/115 Shingley Beach Dr

Shingley Beach Resort

AIRLIE BEACH QLD 4802

Requested 15 Mar 2025

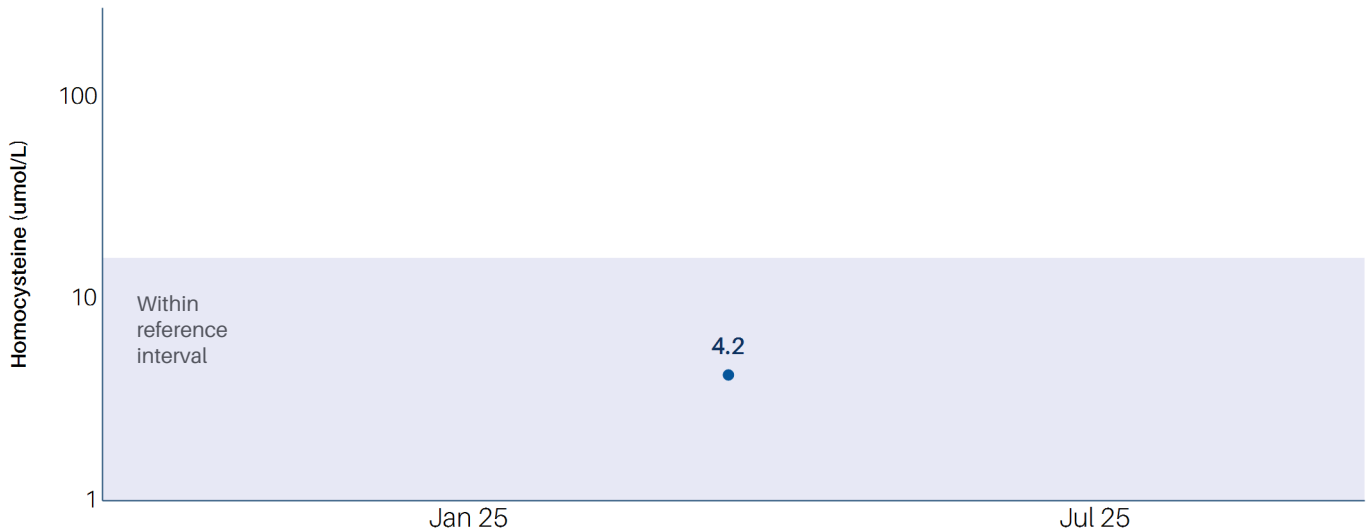
Collected 15 Mar 2025 08:01 am

Received 15 Mar 2025 08:01 am

Reported 17 Mar 2025 09:47 am

Copy to To Commercial Testing Department (07) 3377 8485
Dr Yue R Tan (07) 4948 3323

Homocysteine



LEGEND

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

LAB ID 528193755 DOB 20/01/1994 (31Y Female)

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CANNON VALLEY QLD 4800

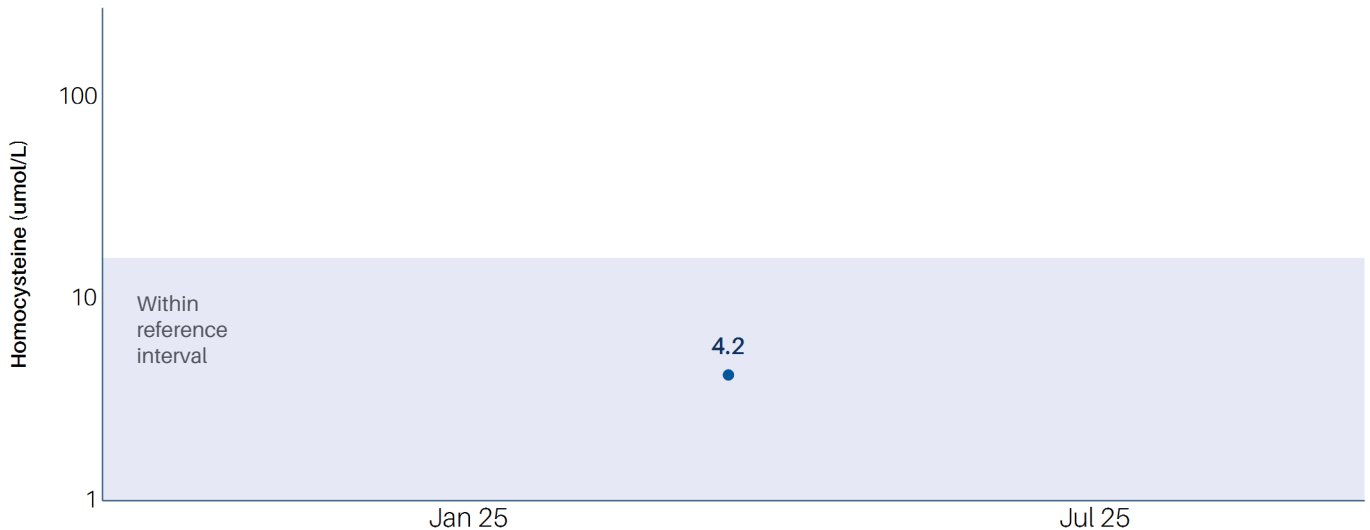
Phone 0423 681 149

To Racheal (Patient To Pay) Lee L14474
Complementary Medicine CORPOST
6/115 Shingley Beach Dr
Shingley Beach Resort
AIRLIE BEACH QLD 4802

Requested 15 Mar 2025
Collected 15 Mar 2025 08:01 am
Received 15 Mar 2025 08:01 am
Reported 17 Mar 2025 09:47 am

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Dr Yue R Tan (07) 4948 3323

Homocysteine



LEGEND

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