

Lab ID **528193862**

DOB **04/05/1992 (32 Yrs MALE)**

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 +61407838680

Copy to To Commercial Testing Department (0733778485)

Requested 13/03/2025

Clinical Notes Not Provided

Collected 21/03/2025 09:01

Received 21/03/2025 09:01

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 12:35

Lab ID **528193862**

DOB **04/05/1992 (32 Yrs MALE)**

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Requested **13/03/2025**

Clinical Notes **Not Provided**

Collected **21/03/2025 09:01**

Received **21/03/2025 09:01**

Homocysteine

Test Name	Result	Reference Interval	Units
Homocysteine	8.9	<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

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

Reported on 22-Mar-25 02:01

Androgens

Test Name	Result	Reference Interval	Units
Testosterone	21.2	11.0 - 40.0	nmol/L

EA

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

Reported on 22-Mar-25 02:01

LAB ID 528193862 DOB 04/05/1992 (32Y Male)

Referring Doctor To Racheal (Patient To Pay) Lee

Your ref.

Address 4 Lyndon Court
CANNON VALLEY QLD 4800

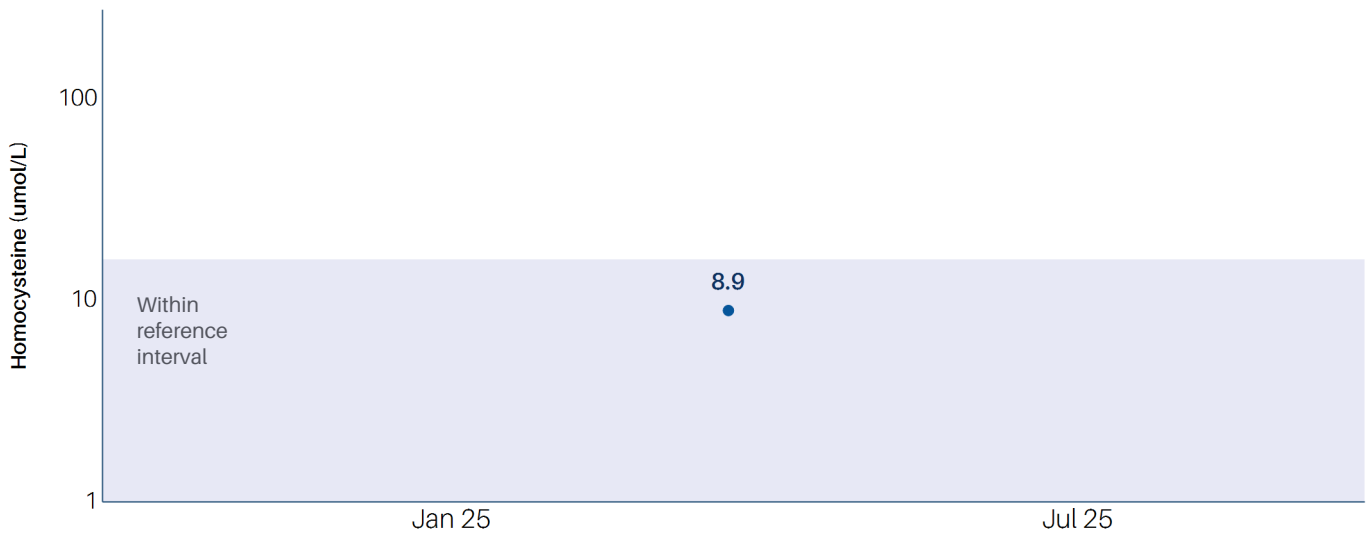
Phone (614) 0783 8680

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

Requested 13 Mar 2025
Collected 21 Mar 2025 09:01 am
Received 21 Mar 2025 09:01 am
Reported 22 Mar 2025 02:03 am

Copy to To Commercial Testing Department (07) 3377 8485

Homocysteine



LEGEND

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

LAB ID 528193862 DOB 04/05/1992 (32Y Male)

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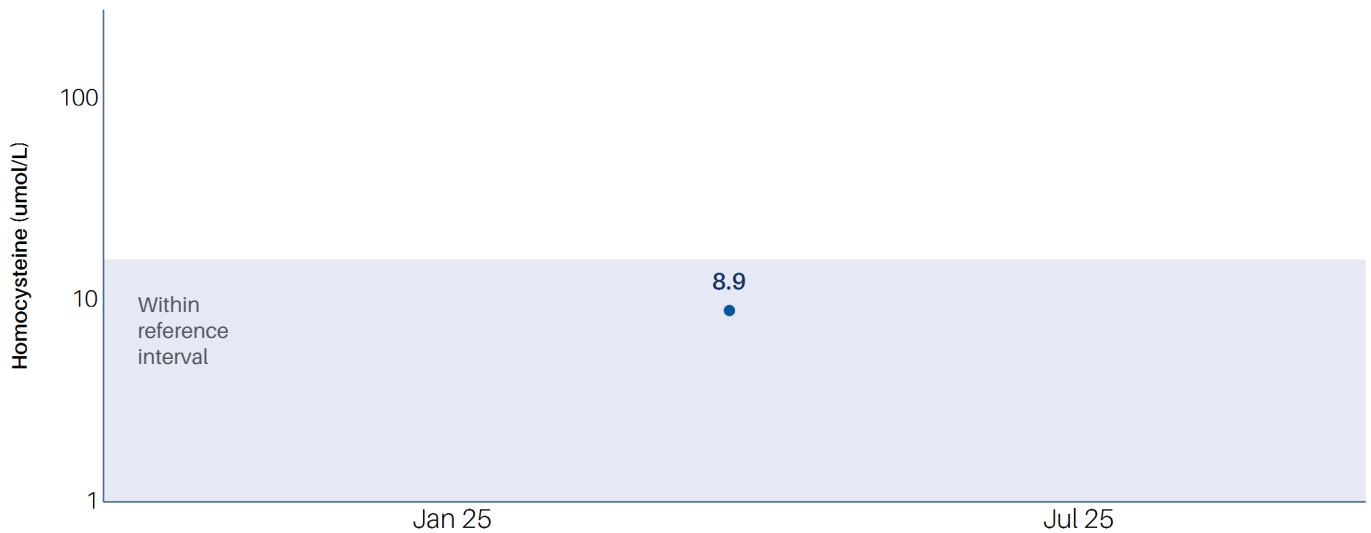
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Homocysteine



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- Out of reference interval