

Lab ID 413274382

DOB 20/12/1985 (38 Yrs FEMALE)

Referrer Dr Meagan Campain

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Copy to

Requested 06/03/2024

Clinical Notes Fasting Day 2-3

Collected 20/03/2024 10:20

Received 20/03/2024 10:57

## Homocysteine

Homocysteine	5.4	umol/L	<15
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## 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.

SS

LAUNCESTON PATHOLOGY NATA ACCREDITATION NO. 2208

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