

LEE, RACHEAL

For Surgery Use ☐ Urgent ☐ Ring Patient ☐ Make Appointment ☐ Note in Chart ☐ File ☐

Patient **BROWN, JOANNE**

UR No.

Patient Address **36 LEMAU CT JUBILEE POCKET QLD 4802**

Sex F Age 53 years DOB 27/03/1971

Report For LEE, RACHEAL

Ref. by/copy to LEE, RACHEAL

**Requested** 21/11/2024  
**Collected** 21/11/2024 08:43 AM  
**Reported** 22/11/2024 01:58 AM

## CUMULATIVE SERUM HOMOCYSTEINE

Date 21/11/24  
 Time 08:43  
 Lab No 76427058

Homocysteine + **16.6** umol/L (0.0-15.0)

76427058 This raised homocysteine concentration may be associated with an independent elevation of risk of vascular disease.

With this degree of elevation, the heterozygous state for a defect of transsulphuration (leading to raised homocysteine levels) is likely. However the elevation may be seen with renal impairment or a suboptimal dietary intake of folate or B12 or vitamin B6 (pyridoxine). Review of renal function or a four week trial of a multivitamin supplement may assist clarifying this.

### Homocysteine Related Risk

Plasma level (umol/L)	Risk Average
Below 9.0	No increase
9.0 - 14.9	x 2
15.0 - 19.9	x 3
20.0 or greater	x 4.5

Risks approximated from New Eng J Med 1997 (337:230-236)

Pathology Report