Healius Pathology Pty Ltd (ABN 84 007 190 043)
APA No. 000042 t/a QML Pathology
11 Riverview Place, Metroplex on Gateway, Murarrie Qld 4172
Ph (07) 3121 4444

Pathology Report

LEE, RACHEAL

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

Patient	**LIGHT, MICHAELA**			UR No.	
Patient Address	**116 MOUNT WHITSUNDAY DR AIRLIE BEACH QLD 4802**				
Sex F	Age 26 years	DOB 05/01/1998	**Requested**	29/10/2024	
Report For	LEE, RACHEAL		**Collected**	29/10/2024	08:07 AM
Ref. by/copy to	LEE, RACHEAL		**Reported**	07/11/2024	08:37 AM

Pathology Report

MTHFR GENOTYPE ANALYSIS

SPECIMEN: Peripheral blood
REASON FOR REFERRAL: Nil stated

RESULTS:
C677T mutation: Heterozygous (single mutated allele detected)
A1298C mutation: Heterozygous (single mutated allele detected)

This patient is heterozygous for the MTHFR C677T and A1298C mutations. Studies have shown that these mutations may result in increased plasma homocysteine levels, and a risk factor for venous thrombosis.

METHOD:
The methylenetetrahydrofolate reductase gene (MTHFR, Ref. Sequence: NM_005957.4) was screened for the presence of C677T (also known as c.677C>T/c.665C>T) and A1298C (also known as c.1298A>C/c.1286A>C) mutations using real-time PCR analysis (Hanson et al. Clin Chem. 2001;661-666).

Note : Changes to MBS on 01/03/23 require a proven history of thromboembolism in the patient or a proven mutation in a first degree relative for the above test/s to be refundable by Medicare. As no relevant history was supplied/exists, the patient will be billed for these tests. Please contact Patient Accounts on 1800 350 046 to arrange appropriate billing if patient has a positive history.

For enquiries consult Dr Peter Davidson or Dr Abhijit Kulkarni.

QML_RTE001-AV4

Dept | Date of Service | For Clinical Enquiries | Perf. Branch | Quote 24-76944030