

Client**Gurugram**

Pathkind Diagnostics Pvt. Ltd.

Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Processed By

Pathkind Diagnostics Pvt. Ltd.

Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name	: Mr. CL78	Billing Date	: 07/07/2023 12:19:49
Age	: 35 Yrs	Sample Collected on	: 10/07/2023 10:01:31
Sex	: Male	Sample Received on	: 10/07/2023 11:02:13
P. ID No.	: P1000100012693	Report Released on	: 15/07/2023 10:39:36
Accession No	: 10002304749	Barcode No.	: 10002304749-01
Referring Doctor	: Self		
Referred By	:	Ref no.	:

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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BIOCHEMISTRY

Homocysteine	10.20	5.46 - 16.20	μmol/L
Sample: Serum			
Method: CMIA			

Homocysteine

Homocysteine is a sulphur containing amino acid. There is an association between elevated levels of circulating homocysteine and various vascular and cardiovascular disorders. Clinically the measurement of homocysteine is considered important to diagnose homocystinuria, to identify individuals with or at risk of developing cobalamin or folate deficiency & to assess risk factor for Cardiovascular Disease (CVD) for which the recommendations are:

- * Specially useful in young CVD patients (40 yrs)
- * In known cases of CVD, high homocysteine levels should be used as a prognostic marker for CVD events and mortality
- * CVD patients with homocysteine levels > 15 μmol/L belong to a high risk group
- * Increased homocysteine levels with low vitamin concentrations should be handled as a potential vitamin deficiency case.

**** End of Report ******Dr. Aarti Khanna Nagpal**DNB (Pathology)
Senior Consultant