

Patient Name : Ms Dummy  
DOB/Age/Gender : 28 Y/Female  
Patient ID / UHID : XXX  
Referred By : Dr.  
Sample Type : Serum  
Barcode No : XXX

Bill Date : Feb 11, 2024, 10:33 AM  
Sample Collected : Feb 11, 2024, 10:44 AM  
Sample Received : Feb 11, 2024, 12:57 PM  
Report Date : Feb 11, 2024, 02:28 PM  
Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
------------------	----------	---------	-----------------

## BIOCHEMISTRY REPORT

Homocysteine

Homocysteine Method : CMIA	11.6	µmol/L	4.44 - 13.56
-------------------------------	------	--------	--------------

**Interpretation:**

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:

1. Specially useful in young CVD patients (< 40 yrs.)
2. In known cases of CVD, high homocysteine levels should be used as a prognostic marker for CVD events and mortality
3. 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.

Dummy Report

Disclaimer: This is a sample report. The method and reference range in the actual report might vary as per lab accreditation or certification and equipments where sample is processed.

*Sohini Sengupta*

Dr. Sohini Sengupta  
MD (Cl Biochemistry), DNB,  
FNB (Lab Medicine)  
Medical Laboratory Director  
HOD (Biochemistry & Special Assays)



Booking Centre :- HOME COLLECTION - NOIDA - F10166

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

📞 898-898-0606

✉️ [care@redcliffelabs.com](mailto:care@redcliffelabs.com)

🌐 [www.redcliffelabs.com](http://www.redcliffelabs.com)

All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose.