

Patient Name : Ms.JYOTI RANI	Visit No : CHA250046808
Age/Gender : 34 Y/F	Registration ON : 17/Mar/2025 10:32AM
Lab No : 10144103	Sample Collected ON : 17/Mar/2025 10:38AM
Referred By : Dr.MCF RAEBARELI	Sample Received ON : 17/Mar/2025 10:52AM
Refer Lab/Hosp : MCF RAIBARELI	Report Generated ON : 17/Mar/2025 02:30PM
Doctor Advice : VAGINAL SWAB C/S,PAP SMEAR,HOMOCYSTEINE,TPO,Anti beta 2 Glycoprotein,LUPUS ANTICOAGULANT(LA) CITRATE,ACA,ANA	



Test Name	Result	Unit	Bio. Ref. Range	Method
HOMOCYSTEINE				
HOMOCYSTEINE(-O)	9.0	umol/L	3.7 - 15.0	CLIA

Homocysteine (HCY) is a thiol-containing amino acid produced by the intracellular demethylation of methionine. Total homocysteine (HCY) represents the sum of all forms of HCY including forms of oxidized, protein bound & free.

Elevated total Homocysteine levels are caused by four major factors, including:

- Genetic deficiencies in enzymes involved in HCY metabolisms such as cystathionine beta synthase.
- (CBS) methionine synthase (MS), and methylenetetrahydrofolate reductase (MTHFR).
- Nutritional deficiency in vitamin B such as B6, B12 and folate.
- Renal failure for effective amino acid clearance.
- Drug interactions such as nitric oxide, methotrexate and phenytoin that interfere with Homocysteine metabolisms.
- Elevated levels of Homocysteine are also linked with Alzheimers disease and osteoporosis.

Anti Thyroid Peroxidase Antibody(TPO)				
Anti Thyroid Peroxidase Antibody(TPO)	15.47	IU/ml	1 - 16	CLIA

*** End Of Report ***

CHARAK

[Checked By]

Print.Date/Time: 17-03-2025 17:00:51

*Patient Identity Has Not Been Verified. Not For Medicolegal



Sharma

DR. NISHANT SHARMA DR. SHADAB Dr. SYED SAIF AHMAD
PATHOLOGIST PATHOLOGIST MD (MICROBIOLOGY)