

Patient Name : Ms.ANEETA	Visit No : CHA250041673
Age/Gender : 38 Y/F	Registration ON : 08/Mar/2025 10:41AM
Lab No : 10138968	Sample Collected ON : 08/Mar/2025 10:43AM
Referred By : Dr.MUKESH GUPTA	Sample Received ON : 09/Mar/2025 12:27AM
Refer Lab/Hosp : CHARAK NA	Report Generated ON : 10/Mar/2025 10:50AM
Doctor Advice : TB GOLD (3 metropolis tubes)	



Test Name	Result	Unit	Bio. Ref. Range	Method
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TB GOLD

Final Report	Negative		NEGATIVE	
INTERFERON GAMMA IN NIL TUBE	0.04			
INTERFERON GAMMA IN ANTIGEN TUBE	0.08			
INTERFERON GAMMA TB (ANTIGEN MINUS NIL)	0.04			

INTERPRETATION

<u>NIL TUBE</u> (IU/ML)	<u>INTERFERON GAMMA TB</u> ANTIGEN MINUS NIL(IU/ML)	<u>FINAL RESULT</u>	<u>INTERPRETATION</u>
<=8.00	<0.35	Negative	M.tuberculosis infection unlikely
>8.00	>0.35 & <25% of Nil tube	Negative	M.tuberculosis infection unlikely
	>0.35 & >25% of Nil tube	Positive	M.tuberculosis infection likely
	Any result	Indeterminate	This may be due to excessive level of circulating gamma interferon or presence of heterophile antibodies

COMMENT:

A Quantiferon test is a test for latent Tuberculosis infection and helps in diagnosing M.tuberculosis complex infection including MOTT like M.kansasii, M.szulgai and M.marinum.

An indeterminate result may occur with insufficient lymphocytes or inability of the patients lymphocytes to generate IFN-γ response. This assay cannot differentiate between Latent infection and Active TB.

Magnitude of measured Gamma Interferon cannot be correlated with stage or degree of infection, level of immune responsiveness or likelihood of progression to active disease.

FALSE NEGATIVE RESULTS CAN BE THERE :

- False negative results maybe obtained if sample is taken prior to development of immune response. CDC recommends repeat test after 8 - 10 weeks in case of high suspicion of tuberculosis.
- Immunocompromised patients can also show false negative results.

*** End Of Report ***

[Checked By]



Ahmad