


Patient Name	: MALGIREDDY SRINIDHI	BarcodeNo	: 10001631	
Age/Gender	: 21 Y 3 M 16 D/Female	Registration ON	: 29/Jul/2023 09:01AM	
LabNo	: 012307310003	Sample Collected ON	: 29/Jul/2023 09:12AM	
Referred By	: Self	Sample Received ON	: 29/Jul/2023 09:31AM	
Source Lab.	: A C	Report Generated ON	: 31/Jul/2023 12:04PM	

### DEPARTMENT OF SEROLOGY

Test Name	Value	Unit	Bio Ref.Interval
<b>TB Gold Gamma Interferon</b>			
TB-GOLD -QUANTIFERON Method: ELISA	Negative		
TB (QFT) IFN - γ Levels Method: ELISA	0.21	IU/mL	> 0.35 Positive < 0.35 Negative
<b><u>Test Details (Reference Only)</u></b>			
TB Antigen Tube Method: ELISA	0.37	IU/mL	
TB Nil Tube Method: ELISA	0.16	IU/mL	
TB Mitogen - Tube Method: ELISA	2.28	IU/mL	


#### TB (QFT) IFN gamma levels :


< 0.35 Negative,  
> 0.35 Positive

A test is considered positive for and IFN- gamma response to the TB Antigen tube that is significantly above the Nil IFN- gamma IU/ml value. The Nil sample adjusts for background, heterophile antibody effects, or non-specific IFN- gamma in blood samples. The IFN- gamma level of the Nil tube is subtracted from the IFN- gamma level for the TB Antigen tube .

**INTERPRETATION:** Quantiferon Tb Gold is an blood test that measures the cell-mediated immune response of TB infected individuals. A negative result does not preclude the possibility of M. tuberculosis infection or tuberculosis disease: false-negative results can be due to stage of infection ( e.g., specimen obtained prior to the development of cellular immune response), co-morbid conditions which affect immune function, other immunological variables. A positive result should not be the sole or definitive basis for determining infection with M. tuberculosis. A positive result should be followed by further medical evaluation and diagnostic evaluation for active tuberculosis disease ( e.g. AFB smear and culture, chest x-ray, RT-PCR,MDR) While ESAT - 6, CFP -10 and TB7.7 (p4) are absent from all BCG strains and from most known non- tuberculous mycobacteria, it is possible that a positive Quanti FERON - TB Gold IT result may be due to infection by M. kansasii, M. szulgai or M. marinum. If such infection are suspected, alternative tests should be investigated.



  
**DR. RUTURAJ MANIKAL**  
**KOLHAPURE MD,**  
**MICROBIOLOGIST**

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**DEPARTMENT OF MICROBIOLOGY**


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**Mantoux tuberculin skin test (TST)**

Mantoux	NEGATIVE
Date of PPD	29-07-2023
Date of Reported	31-07-2023
INDURATION	NIL
ERYTHMA	ABSENT
Comment	TULIP PPD 2mm

\*\*\* End Of Report \*\*\*



  
**DR. RUTURAJ MANIKAL**  
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