LB-MED-305

Patient Name	:	Ms. TASHI MOSALI VIKRAM MOSALI REDDY	**Sample UID No.**	:	4104816
Age / Gender	:	21 Y / Female	**Sample Collected On**	:	04-08-2025 13:27
Patient ID	:	QLD104367	**Registered On**	:	04-08-2025 14:18
Referred By	:	CITY CARE	**Reported on**	:	09-08-2025 08:39
Referral Client	:	CITICARE MEDICAL CENTER	**External Patient ID**	:	47437
Emirates ID / Passport No	:		**Print Version**	:	V.1

Investigation	Observed Value	Unit	Biological Reference Interval
TB-Interferon-γ(gamma) release assay (IGRA)-3 Tube			
Gamma Interferon, Mitogen tube (Blood-M,Enzyme Immunoassay (EIA))	3.39	IU/mL	
Final value of Mitogen tube (Blood-N,Calculated)	3.37		Refer interpretation
Gamma Interferon, Nil Tube (Blood-N,Enzyme Immunoassay (EIA))	0.02	IU/mL	-
Gamma Interferon, Antigen Tube (Blood-T,Enzyme Immunoassay (EIA))	0.13	IU/mL	-
Final value of Antigen Tube (Blood,Calculated)	Negative,0.11	IU/mL	Negative: < 0.35 Positive: >= 0.35 Note: Please note change in reference range and method.
Final Result (Blood)	Negative		Refer Interpretation

Verified By

Dr. Vidhya Mohan
Specialist Clinical Pathologist
Clinical Pathologist
DHA No. 23553203-004

This Test is Outsourced to an Accredited Laboratory

--- End of Report ---

Verified By

Dr. Dheepa Manoharan
Medical Director
Specialist Microbiologist
DHA No. 00231751-004

LB-MED-305

Patient Name	:	Ms. TASHI MOSALI VIKRAM MOSALI REDDY	**Sample UID No.**	:	4104816
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Investigation	Observed Value	Unit	Biological Reference Interval

Interpretation :

- This assay quantitatively detects interferon-gamma (γ-IFN) in whole blood containing CD4/CD8 T cells. The assay depends on host immune status.
- Interferon gamma release assay (IGRA) test may be used to detect latent TB infection. It is not used for Diagnosis of Active TB infection.
- Final value of Mitogen =>0.5 IU/mL indicates good culture and eliminates possibility of pre-examination issues or immune suppression.
- Diagnosing or excluding tuberculosis disease and assessing the probability of latent TB infection requires a combination of epidemiological, historical, medical and diagnostic findings that should be taken into account while interpreting IGRA results.

Final Result	Interpretation
Negative	Unlikely TB infection; latent or active TB is improbable
Positive	Latent TB likely. Correlate clinically. Rule out False positives due to interfering factors.
Indeterminate	Results are inconclusive; potential technical issues or immune suppression should be evaluated

Latent Tuberculosis (Latent TB) occurs when Mycobacterium tuberculosis infects an individual but remains dormant, causing no symptoms or disease. It is non-contagious as the bacteria are inactive and do not replicate. While those affected are not ill, latent TB can progress to active TB in people with weakened immune systems, such as those with HIV or diabetes, making preventive treatment essential. **Key Notes:**

- IGRA test may produce false negative/positive results under specific conditions:
- Recent TB exposure (8-10 week window for false negatives).
- Comorbid conditions impairing immune function (e.g., HIV, immunosuppressive drugs).
- Vaccination or infection (e.g. influenza, measles, or Pneumonia) within the past month.
- Chronic conditions like diabetes or renal failure.
- Organ transplantation, Haematolymphoid malignancies, Carcinoma in head/neck/lung, Diabetes, Silicosis, Chronic renal failure.
- Presence of heterophile antibodies.

Disclaimer :

- Due to methodological differences, results from different manufacturers should not be directly compared. Positive results do not indicate active TB infection. All Positive results must be confirmed with further testing in repeat sample or with 4-tube assay.

-- End of Report --

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