

Client
Ghazipur

Pathkind Diagnostic Pvt. Ltd.
S.No 40, Badi Bagh Lanka, Ghazipur-233001

Processed By
Pathkind Diagnostic Pvt. Ltd.

Plot No. 55-56, Udhog Vihar Ph-IV, Gurugram - 122015

Name : Mrs. Dummy
Age : 25 Yrs
Sex : Female
P. ID No. : P120123213
Accession No : **12011900006459**
Referring Doctor : Dr. VINITA JAISWAL
Referred By :

Billing Date : 01/01/2020 14:54:53
Sample Collected on : 01/01/2020 15:18:52
Sample Received on : 03/01/2020 12:23:07
Report Released on : 04/01/2020 15:28:49
Barcode No. : 7197926

Report Status - Final

Test Name	Result	Biological Ref. Interval	Unit
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CELL MEDIATED IMMUNITY (CMI)

* TB Sure

Sample: Lithium Heparin

Sample Values are :

Tube Type	Patient Value	Reference Range (IU /mL)
Nil tube	0.02	< 8
Mitogen tube	7.15	> 0.5
TB1 - Nil Value	0.2	< 0.35
TB2 - Nil Value	0.61	< 0.35
TB2 - TB1 Value	0.41	< 0.5

Result / Interpretation :

Latent Tuberculosis Infection present [LTBI]

IR: Interferon Gamma release assays (IGRA) are a method to detect the immune response to infection with *Mycobacterium tuberculosis*. Specific antigens of *M tuberculosis* (ESAT 6 and CFT 10) which are not present in BCG are used. Immunity plays an important role in controlling tuberculosis. CD 4 cells [tested for interferon gamma release in TB1 tube] are active in latent TB while CD 8 activity represents recent exposure to *M tuberculosis* or that cytotoxic cells (CD8) are active to kill intracellular bacteria in macrophages [tested for activity in TB2 tubes, along with CD4]. Nil tube is used to determine baseline interferon gamma activity and Mitogen tube to determine the innate lymphocytes ability to react against a mitogen and release interferon gamma and acts as positive control. These results must be read along with other tests and together with clinical condition while deciding whether to treat the patient or contact of recent exposure.

* Marked tests are processed in our companion laboratories

** End of Report**



Prof. Ashok Rattan

MD (Microbiology), MAMS.

Advisor,

The Test/s market with (#) is are not accredited by NABL

12011900006459 Mrs. Dummy

