



### Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No
Max ID/Mobile	Collection Date/Time
Lab ID	Receiving Date
Ref Doctor	Reporting Date
Passport No.	

#### Microbiology Special Max Tuberculosis Profile III

#### AFB Culture

Method : Bactec MGIT 960

Sample Type : Pus

#### Preliminary 1

No Mycobacterium species isolated after 10 days of incubation.

Note: Next report will be followed after 4 weeks of incubation.

#### Comment

- Bactec MGIT 960 is used for AFB culture.
- Culture can detect up to 10 to 100 viable Mycobacteria.
- The Bactec MGIT is designed for the rapid detection of Mycobacteria in all types of clinical specimens.
- Recovery and time to detection of positive culture for mycobacteria are dependent on the number of organisms present in the specimen, specimen quality, specimen collection method, method of specimen processing, and patient factors such as history of antituberculosis treatment.
- Mycobacteria may vary in acid-fastness depending on species, age of culture, and other variables.
- Patients on antitubercular therapy may have smear-positive but culture-negative specimens.
- Mycobacteria are often fastidious, and a single negative culture should not be used to rule out their presence.



SIN No: B2B877655

Booking Centre Address : 1892 - Max Lab Gulmohar Park, C-5 Basement, Gulmohar Park, New Delhi, 8447447032

The authenticity of the report can be verified by scanning the Q R Code on top of the page

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Max Super Speciality Hospital, Saket (West Block), 1, Press Enclave Road, Saket, New Delhi - 110 017, Phone: +91-11-6611 5050  
(CIN No.: U85100DL2021PLC381826)

Helpline No. 7982 100 200 [www.maxlab.co.in](http://www.maxlab.co.in) [feedback@maxlab.co.in](mailto:feedback@maxlab.co.in)

**Conditions of Reporting:** 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its employees. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.



MC-2714

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**Microbiology**  
**Max Tuberculosis Profile III****AFB Stain****Method :** Staining & Microscopy

Sample	Pus
ZN Stain.	No AFB seen on ZN smear.



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**Molecular Diagnostics  
Max Tuberculosis Profile III****Hains 1st Line****Method :** PCR-Line Probe Assay**Sample Type :** PUS**Culture****Organism Isolated :** Mycobacterium Tuberculosis Complex (MTC)**Susceptibility Testing****Organism Isolated :** Mycobacterium Tuberculosis Complex (MTC)**Antibiotic Name**

Isoniazid  
Rifampicin

**Interpretation**

Sensitive  
Sensitive

**Comment**

- Hains Ist line is a molecular genetic test use for identification of the *M. tuberculosis* complex and to know its resistance of Rifampicin and/or Isoniazid from respiratory specimens (Whether AFB Positive or Negative detection) and culture isolates.
- Rarely Rifampicin resistance detection may be missed due to silent mutation in the *rpoB* gene, hence all results of Hains Ist line should be correlated clinically and if there is any mismatch between clinical failure and sensitivity report, then phenotypical resistance detection (AFB Sensitivity 5 drugs) from culture specimen is advised.

Kindly correlate with clinical findings

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

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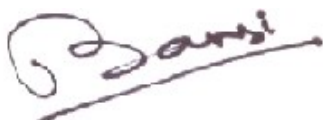
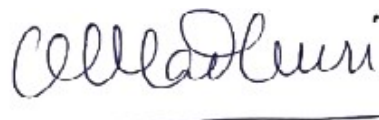
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**Molecular Diagnostics  
Max Tuberculosis Profile III****Dr. Bansidhar Tarai, M.D.**Associate Director  
Microbiology & Molecular Diagnostics**Dr. Poornima Sen, M.D.**  
Consultant - Microbiology**Dr. Madhuri Somani, M.D. , DNB**  
Consultant - Microbiology

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