

Patient Name	:		Bill Date	:	
DOB/Age/Gender	:		Sample Collected	:	
Patient ID / UHID	:		Sample Received	:	
Referred By	:		Report Date	:	
Sample Type	:		Report Status	:	
Barcode No	:				

Test Description	Value(s)	Unit(s)	Reference Range
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MICROBIOLOGY REPORT

Genexpert Ultra MTB/RIF

Nature of Specimen	PUS
Result	Not Detected
Method : CBNAAT(Cartridge Based Nucleic acid amplification)	

Interpretation:

1. If result is MTB not detected :This indicates no tuberculosis (MTB),However ,if the clinical picture is strongly suggestive of MTB,a repeat test can suggested.
2. If result is MTB detected ,and Rifampicin resistance not detected:This indicates tuberculosis that can be treated with first line drugs usually.
3. If result is MTB detected ,and Rifampicin resistance detected:This indicates tuberculosis that can not be treated with only first line drugs.
4. The sample tested has trace concentration of Mycobacterium tuberculosis .Mutatio in rpoB gene suggestive of Rifampicin resistance.Indeterminate.

Comments:

- 1.it is a semi quantitative tested real time PCR for detectionof MTB complex DNA & Rifampicin Resistance.
- 2.Result Should be interpreted in conjunction with other laboratory tests and clinically correlated.
- 3.Reliable results are dependent on proper specimen collection.adequate amount & storage.
- 4.A positive test result does not necessarily indicate the presence of viable oraganism.
- 5.Test results might be affected by antecedent or concurrent:ATD therapy.
- 6.Mutation in probe bimding site may affect detection of new or unknown MDR-MTB strains.
- 7.Resistance can exist in spite of wild type pattern in the genotype test due to partial resistance development,rare mutations or mixed bacterial contamination.
- 8.Resistance may not be genotypically expressed due to presence of silent mutations.In such cases,phenotypic resistance determination needs to de consider.

Govt of India will transfer funds directly to the patients account for nutritional support for which patient is requested to submit a copy of Adhar and mobile number.

Treating doctor would also get token of appreciation for reporting the case and at completion of treatment. Laboratory will enter patients details in Nikshay portal.




Dr. Amit Singh
MD Microbiology
Consultant Microbiologist

Booking Centre :- Apusnova Hospital (Meerut), C-6 Raksha Puram, Behind Talvar Petrol Pump, Mawana Road, Ganga Nagar Meerut-250001

Processing Lab :- Redcliffe Lifetech Pvt. Ltd., H-55, Sector-63, Noida, Uttar Pradesh - 201301

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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.
3. It is to be noted that variations in results may occur between different laboratories and over time, even for the same parameter for the same Customer. The assays are performed and conducted in accordance with standard procedures, and the reported outcomes are contingent on the specific individual assay methods and equipment(s) used, as well as the quality of the received specimen.
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