



Laboratory Investigation Report

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

Microbiology Special



AFB Sensitivity 1st Line {5 Drugs}

Method : Bactec MGIT 960

Source 1 : 1

Specimen Type: Culture Isolate(FNAC)

Culture

Organism Isolated : Mycobacterium Tuberculosis Complex

Susceptibility Testing

Organism Isolated : Mycobacterium Tuberculosis Complex

Antibiotic Name	Interpretation
Ethambutol (5.0 Mcg/MI)	Sensitive
Isoniazid (0.1 Mcg/MI)	Sensitive
Pyrazinamide (100.0 Mcg/MI)	Sensitive
Rifampicin (0.5 Mcg/MI)	Sensitive
Streptomycin (1.0 Mcg/MI)	Sensitive

Comment

- The BACTEC MGIT 960 AFB test is a non-radiometric fluorescence based antimicrobial susceptibility system for testing Mycobacterium tuberculosis from isolated culture.
- It provides susceptibility results for streptomycin(STR), isoniazid (INH), rifampin(RIF) , ethambutol (EMB) and Pyrazinamide.
- The BACTEC MGIT 960 susceptibility test does not interpret the degree of susceptibility of the isolate being tested. Results are reported as either S (susceptible) or R (resistant) for the drug and concentration tested.

BookingCentreAddress :1104 - Max Smart- M S S S H ,

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

Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017





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AFB Sensitivity 2nd Line {7 Drugs}

Method : Bactec MGIT 960

Source 1 : 1

Specimen Type: Culture Isolate(FNAC)

Drugs (Critical Concentrations)

Culture

Organism Isolated : Mycobacterium Tuberculosis Complex.

Susceptibility Testing

Organism Isolated : Mycobacterium Tuberculosis Complex.

Antibiotic Name	Interpretation
Amikacin (1.0 ?G/MI)	Sensitive
Capreomycin (2.5 ?G/MI)	Sensitive
Ethionamide (5.0 Mcg/MI)	Sensitive
Kanamycin (2.5 Mcg/MI)	Sensitive
Levofloxacin (1.0 Mcg/MI)	Sensitive
Ofloxacin (1.0 Mcg/MI)	Sensitive
Pas (4.0 Mcg/MI)	Sensitive

Comment

- The BACTEC MGIT 960 test is a non-radiometric antimicrobial susceptibility system for testing Mycobacterium tuberculosis from isolated culture.
- The second line drugs are only used to treat tuberculosis when Mycobacterium tuberculosis is resistant to first line of therapy (i.e., for multi drug-resistant tuberculosis (MDR-TB) or extensively drug-resistant tuberculosis (XDR-TB).
- It provides susceptibility results for Amikacin, Ofloxacin, Levofloxacin, Kanamycin, Capreomycin, Ethionamide and Para-amino salisilic acid.
- The BACTEC MGIT 960 susceptibility test does not interpret the degree of susceptibility of the isolate being tested. Results are reported as either S (susceptible) or R (resistant) for the drug and concentration tested.

Kindly correlate with clinical findings

*** End Of Report ***

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Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)

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(CIN No.: U85100DL2021PLC381826)

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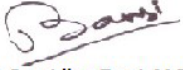




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Microbiology Special



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Microbiology



Dr Nidhi Malik, MD
Consultant Microbiology

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