

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.

Molecular Diagnostics

Hains 1st Line

Method: PCR-Line Probe Assay

Sample Type : Sputum

Culture

Organism Isolated: Mycobacterium Tuberculosis Complex (MTC)

Susceptibility Testing

Organism Isolated: Mycobacterium Tuberculosis Complex (MTC)

Antibiotic NameInterpretationIsoniazidSensitiveRifampicinSensitive

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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SIN No:ms065391

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Molecular Diagnostics

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Passport No.

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