



### 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 2nd 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 Name

Amikacin  
Capreomycin  
Kanamycin  
Levofloxacin  
Moxifloxacin  
Ofloxacin

##### Interpretation

Sensitive  
Sensitive  
Sensitive  
Sensitive  
Sensitive  
Sensitive

#### Comment

- Hains second line is a molecular genetic test which permits the simultaneous identification of the *M. tuberculosis* complex and its resistance to fluoroquinolones (e.g. ofloxacin and moxifloxacin) by the detection of the most common mutations in the *gyrA* gene and its resistance to aminoglycosides/cyclic peptides (injectable antibiotics as kanamycin, amikacin/capreomycin, viomycin) by the detection of the most common mutations in the *rrs* gene.
- The Hain test only detects those resistance of *M. tuberculosis* complex that have their origin in tested region of genes, the resistances originating from other genes or other drug resistance mechanism will not be detected by this test. Hence all hain results reported as sensitive should be correlated with phenotypic (culture based) DST results.

Kindly correlate with clinical findings



SIN No: B2B877761

BookingCentreAddress : 1892 - Max Lab Gulmohar Park, C-5 Basement, Gulmohar Park, New Delhi, 8447447032

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

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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Molecular Diagnostics


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



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