



MGM
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FINAL REPORT

Bill No.	: MGMWPR240091628	Bill Date	: 11-10-2024 23:44
Patient Name	: MR. KIRAN BHAGWAN TAWARE	UHID	: MGM240017131
Age / Gender	: 56 Yrs 2 Mth / MALE	Patient Type	: IPD If PHC :
Ref. Consultant	: DR.PRASHANT ATHALE	Ward	: SICU
Sample ID	: MGM24152711	Current Bed	: SICU-010
IP Number	: MGMIP2406720	Reporting Date & Time	: 12-10-2024 16:45
		Receiving Date & Time	: 12/10/2024 08:46

Microbiology Report

AFB XPERT PANEL BY GENE XPERT MTB DETECTION & RIFAMPICIN RESISTANCE

Specimen : CSF
Report : Mycobacterium Tuberculosis not detected.

Method- GeneXpert(Cepheid)
Interpretation :-

- The Xpert MTB/RIF Assay is not indicated for use with sputum samples from patients being treated with antituberculosis drugs either to determine bacteriologic cure or to monitor response to therapy.
- A negative test does not exclude the possibility of isolating MTB-complex from the sputum sample. The Xpert MTB/RIF Assay must be used in conjunction with mycobacterial culture to address the risk of false negative results and to recover the organism for further characterization and susceptibility testing.
- A positive test does not necessarily indicate the presence of viable organisms.
- The Xpert MTB/RIF Assay does not differentiate between the species of the MTB-complex (i.e., *M. tuberculosis*, *M. bovis*, *M. africanum* etc.). In addition, culture must also be performed to determine if mycobacteria other than tuberculosis complex (MOTT) is present in addition to MTB-complex.
- Lower sensitivity may be observed in pediatric patients due to the diffuse nature of MTB infection in the lungs of this patient group, and difficulties encountered in obtaining adequate specimens.
- Because the detection of MTB-complex is dependent on the number of organisms present in the sample, accurate results are dependent on proper specimen collection, handling, and storage.
- A trained health care professional should interpret assay results in conjunction with the patient's medical history, clinical signs and symptoms, and the results of other diagnostic tests.

End of the Report

R.s.Bhosale

TECH. RAJANI SURYAKANT BHOSALE

Shalini Yadav

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