



Lab Address:- # Plot No. 564, 1st floor, Buddhanagar, Near Sai Baba Temple Peerzadiguda Boduppal Hyderabad, Telangana. ICMR Reg .No. SAPALAPVLHT (Covid -19)

: A0093466

: SPL-CV-172

: 0312402250003

: 25-Feb-2024 07:48 AM

: 27-Feb-2024 11:45 AM

# REPORT

Sample ID

Collected On

Name : Mr. S R SATHYA NANDAM

Age/Gender : 77 Years/Male Reg. No SPP Code

Referred by : Dr. SENTHIL J RAJAPPA

Referring Customer : V CARE MEDICAL DIAGNOSTICS

Primary Sample Received On : 25-Feb-2024 02:40 PM

Sample Tested In : Sputum Reported On Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

### **MICROBIOLOGY**

## **Gram Stain - Sputum**

Nature Of Sample

Sputum Microscopic Examination

Method: Gram Stain & Microscopic Examination

Smear shows no inflammatory cells few pus cells no microoganisms seen.

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











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# REPORT

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Age/Gender : 77 Years/Male

Referred by : Dr. SENTHIL J RAJAPPA

Referring Customer

: V CARE MEDICAL DIAGNOSTICS

Primary Sample

Sample Tested In Client Address : Kimtee colony ,Gokul Nagar,Tarnaka

: Sputum

Sample ID Reg. No SPP Code

: A0093466

: 0312402250003 : SPL-CV-172

Collected On

Received On

: 25-Feb-2024 07:48 AM : 25-Feb-2024 02:40 PM

Reported On

: 27-Feb-2024 11:45 AM

Report Status

: Final Report

# **MICROBIOLOGY**

## Culture, Aerobic, Sputum

Nature Of Sample

Sputum

**Culture Comment** 

No pathogenic growth seen at the end of 48 hours of aerobic incubation.

Method: Aerobic Culture ABST; Disc Diffusion Method

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





DR. RUTURAJ MANIKLAL KOLHAPURE MD, MICROBIOLOGIST





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# REPORT

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Age/Gender : 77 Years/Male

Referred by : Dr. SENTHIL J RAJAPPA

Referring Customer

: V CARE MEDICAL DIAGNOSTICS

Primary Sample

: Sputum

Client Address

Sample Tested In : Kimtee colony ,Gokul Nagar,Tarnaka Sample ID : A0093466

: 0312402250003 Reg. No

SPP Code : SPL-CV-172

: 25-Feb-2024 07:48 AM Collected On

Received On : 25-Feb-2024 02:40 PM

Reported On : 25-Feb-2024 06:33 PM

: Final Report Report Status

# **MICROBIOLOGY**

## AFB Stain (ZN Stain)-Sputum

Nature Of Sample

Sputum

Microscopic Examination

Acid Fast Bacilli not seen

As per RNTCP guidelines minimum of two consecutive sputum samples should be examined

Method: ZN Stain & Microscopic Examination





DR. RUTURAJ MANIKLAL KOLHAPURE MD, MICROBIOLOGIST





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# REPORT

Name : S R SATHYA NANDAM Sample ID : A0093466

Age/Gender : 77 Years/Male Reg. No : 0312402250003

Referred by : Dr. SENTHIL J RAJAPPA SPP Code : SPL-CV-172

Referring Customer : V CARE MEDICAL DIAGNOSTICS Collected On : 25-Feb-2024 07:48 AM
Primary Sample : Received On : 25-Feb-2024 02:40 PM

Primary Sample : Received On : 25-Feb-2024 02:40 PM Sample Tested In : Sputum Reported On : 26-Feb-2024 07:41 PM

Client Address : Kimtee colony ,Gokul Nagar,Tarnaka Report Status : Final Report

### **MOLECULAR BIOLOGY**

Test Name GeneXpert MTB WITH RIFAMPICIN RESISTANCE, QUALITATIVE @ (Real Time PCR)

Type of Specimen Sputum

Mycobacterium tuberculosis complex Not Detected

Rifampicin resistance Not Detected

### Interpretation:

	RIFAMPICIN RESISTANCE	REMARKS
Detected	Detected	Target DNA detected resistant to Rifampicin
Not Detected	Not Detected	Target DNA not detected
Detected	Not Detected	Target DNA detected sensitive to Rifampicin
Detected	Indeterminate	Target DNA concentration very low to determine Rifampicin resistance
Indeterminate	Indeterminate	Target DNA could not be detected may be due to presence of inhibitors

### Note:

- 1. A positive result does not necessarily indicate presence of viable organisms. However it indicates a presumptive presence of MTB.
- 2. A negative result does not preclude Mycobacterium Tuberculosis infection because results depend on adequate specimen collection, absence of inhibitors, and sufficient DNA to be detected.
- 3. Results may be affected by antecedent or concurrent antibiotic therapy. Hence therapeutic success or failure cannot be assessed by this test as DNA might persist following antimicrobial therapy.

#### Comments:

Mycobacterium tuberculosis complex (M. tuberculosis, M.bovis, M.microti & M.africanum) are the only Mycobacteria that are transmitted from person to person and therefore are of public health importance. These infections are usually treated by 4 common first line drugs - Rifampicin, Ethambutol, Pyrazinamide & Isoniazid.

As documented by WHO Rifampicin resistance is rarely encountered by itself and usually indicates resistance to a number of other antitubercular drugs. Resistance to Rifampicin or other first -line drugs usually indicates the need for full susceptibility testing, including testing against second-line agents.

Not Detected

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

DR. RUTURAJ MANIKLAL KOLHAPURE MD, MICROBIOLOGIST

