SPUTUM CULTURE AEROBIC

Profile Details | 1 Parameters

Fasting: Fasting is not mandatory | Report Time: Within 3 Days

Specimen Required: Sputum

Price- ~~₹1370~~ **₹599**

Parameters Included

About This Test

A sputum culture aerobics test measures the presence of aerobic bacteria in the sputum, which is mucus coughed up from the lower airways. This test is crucial for diagnosing bacterial respiratory infections, such as pneumonia, bronchitis, or tuberculosis, caused by aerobic bacteria. The procedure involves collecting a sputum sample and placing it on a culture medium that promotes the growth of aerobic bacteria. The sample is then incubated under conditions that allow aerobic bacteria to grow, typically in the presence of oxygen. After incubation, the bacteria are identified based on their colony characteristics and further biochemical tests. A positive sputum culture indicates a bacterial infection, identifying the specific pathogen responsible. This information guides healthcare providers in selecting the most appropriate antibiotic treatment, ensuring effective management of the infection and improving patient outcomes.

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**Fasting 10–12 hrs essential | *Limited Period Offer | *Reports within Within 3 Days*

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