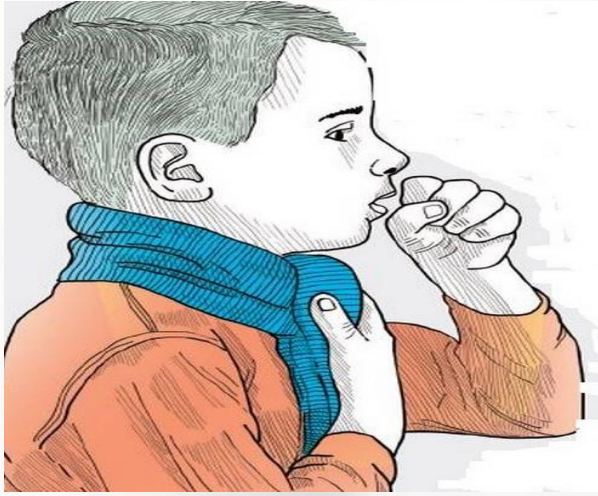




Tuberculosis



- TB or Tuberculosis is a infectious disease caused by *Mycobacterium tuberculosis* bacteria. It affects lungs but can also affect other body parts
- The bacteria spreads when an infected person coughs or sneezes

Who should get tested for TB?

- People who are in contact with TB affected person
- People from country where TB disease is common
- People with health problems which make it hard to fight TB
- Immune health compromised people
- People who spend time in places where TB is more common like hospitals

Why is it important to get tested for the disease?

- The *Mycobacterium tuberculosis* organism grows slowly
- This means it can take lots of time to grow when growing in lab
- We use molecular testing method for the detection of TB
- This ensures rapid detection and early medical treatment for the disease

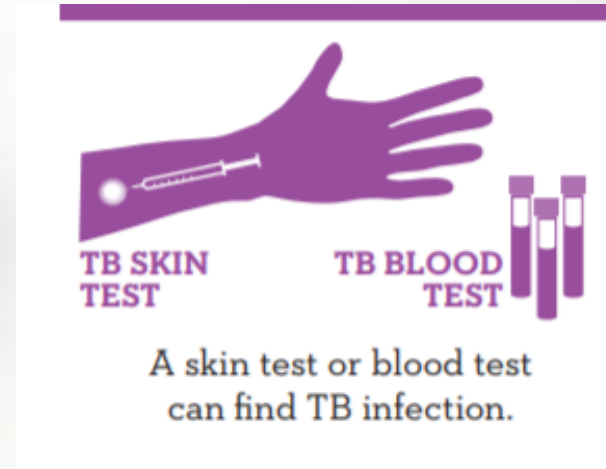
What is MDR TB and XDR TB?

- MDR TB stands for multidrug-resistant (MDR-) and XDR-TB stands for extensively drug-resistant tuberculosis (XDR-TB)
- There is an urgent need to ensure that all drug-resistant TB and extensively drug resistant suspects undergo testing for susceptibility to anti-TB drugs to initiate effective treatment regimens and appropriate measures of infection control

What is a Greenarray TB test?



- Greenarray provides rapid test results for Real-Time patient care
- A blood sample is taken and sent to our lab, real time assay is done to assess your results.
- Early diagnosis ensures early treatment for TB
- Our lab ensures rapid and accurate results in real time



Tests available for TB

- Several techniques are available for the diagnosis of TB such as **smear examination**, culturing, **ELISA** based and **PCR-based** detection methods. Among these, culturing of the M. is time consuming and takes **5-6 weeks**.
- The Mantoux tuberculin **skin test** (TST) or the TB blood test can be used to test for M. tuberculosis infection, but additional tests like PCR-based tests are required to confirm TB disease.

Why choose Greenarray for testing of TB?

Simple and easy procedure.

Provides accurate diagnostics

Helps in deciding best course of action

References:

1. Seung KJ, Keshavjee S, Rich ML. Multidrug-Resistant Tuberculosis and Extensively Drug-Resistant Tuberculosis. Cold Spring Harb Perspect Med. 2015;5(9):a017863. Published 2015 Apr 27. doi:10.1101/cshperspect.a017863

PCR based test gives confirmatory results with less time and is more sensitive

About Green Array

Green Array is a molecular diagnostic company. We offers diagnosis of infectious diseases, genetic testing and healthcare information to improve health and wellness. Our goal is to provide high quality affordable and accessible services