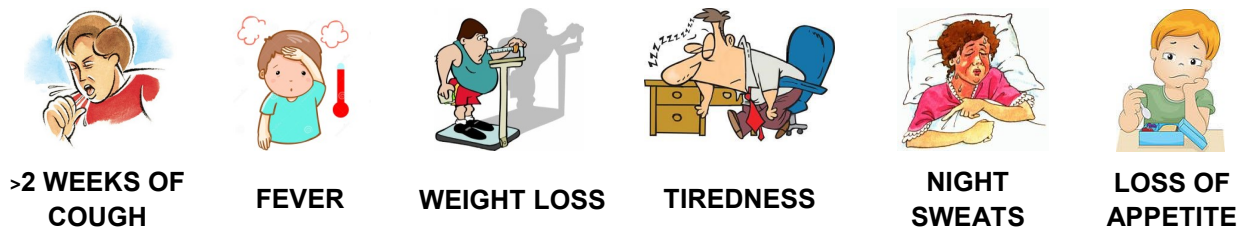
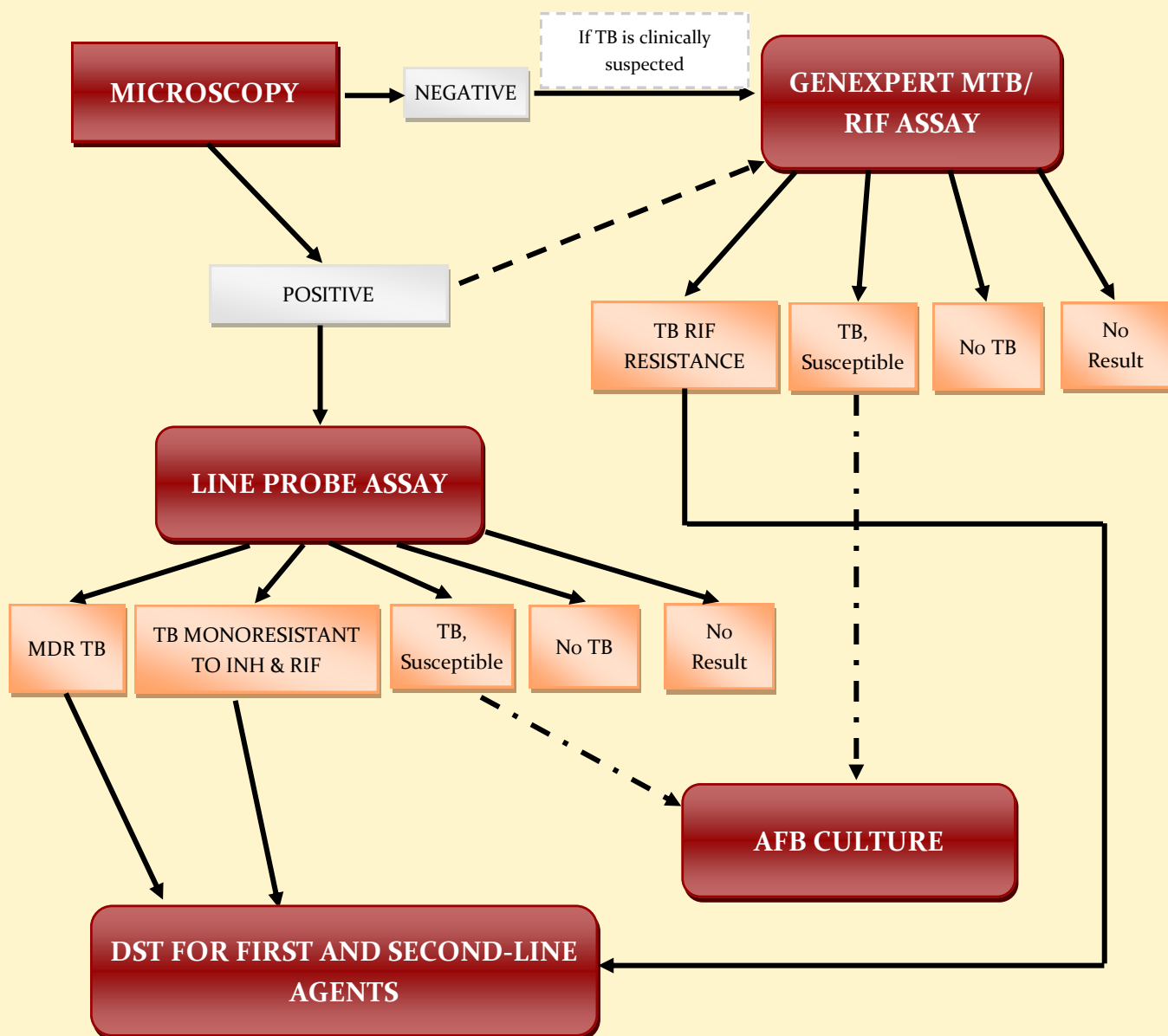


# WHO ENDORSED DIAGNOSTIC ALGORITHM FOR TB DIAGNOSIS

## PATIENTS POSING SYMPTOMS OF TUBERCULOSIS








Xpert MTB/RIF may be used as the initial diagnostic test in all adults and children who are at risk of TB.<sup>1</sup>



TB affects around 28 lakh people annually in India and each undiagnosed and wrongly diagnosed case may spread the disease in their family and community. Approximately 3% new TB patients may have Multi-Drug Resistant (MDR) strains of TB; amongst patients who had been treated for TB before, about 12-17% may have MDR- TB. Earlier antibody tests were popular in the private sector, but these tests have proved to be inaccurate and hence banned by the Government of India. Blood-based tests like IGRAs\* could be helpful in detecting latent TB infection, but are not useful for diagnosing active TB. There has always been a need to rely on affordable and accurate tests *i.e.* those endorsed by the WHO and the RNTCP and Standards for TB Care in India (STCI).

IPAQT Partner laboratories in India offer WHO endorsed tests for TB diagnosis at substantially reduced prices. You can now get your patients tested for TB and MDR-TB and get results quickly through molecular tests which offer high accuracy and are available through a network of quality assured laboratories.

Test	Sample Type	Turn around Time	Sensitivity	Specificity	Ceiling price under IPAQT
 LED Microscopy	Pulmonary	1 day	70%	>90%	₹500
 Hain LPA	Pulmonary	2-3 days	98%	99%	₹1800
 GeneXpert	Pulmonary & EPTB Samples	1 day	96%	99%	₹2200
 MGIT	Pulmonary & EPTB Samples	8-14 days	Gold Standard	Gold Standard	₹900
 BacT/Alert	Pulmonary & EPTB Samples	8-14 days	Gold Standard	Gold Standard	₹900

LAB DETAILS



INITIATIVE FOR PROMOTING AFFORDABLE AND QUALITY TB TESTS