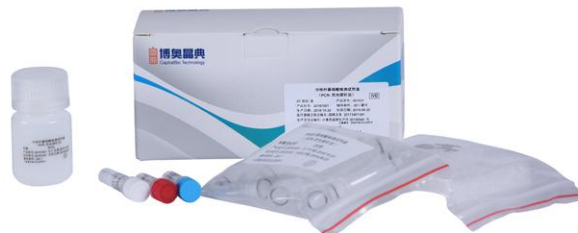


Mycobacterium Nucleic Acid Test Kit

(PCR - Fluorescent Probe Method)

Accurate and Fast Tuberculosis Screening Product

It can fast identify the mycobacterium tuberculosis and non tuberculoaus mycobacteriosis, which is significant for determining therapeutic schedule as early as possible.



Product Introduction

Dual real time fluorescence PCR technology and TaqMan probe technology are used to achieve the identifying and test of mycobacterium tuberculosis (MTB) and non tuberculoaus mycobacteriosis (NTM). Currently, the kit is the unique PCR product in China that can fast identify CFDA.

Product Advantages



Fast

Completing the whole test process within 3 hours



Efficient

Completing MTB and NTM test concurrently with one specimen in single test



Sensitive

The LOD of MTB is up to 10 bacteria/reaction, and that of NTM is 100 bacteria/reaction



Accurate

The specificity is 98.9%, and detectable rate of positive MTB and negative MTB is 97.0% and 24.4% respectively

Clinical Application

- Fast screening for suspected tuberculosis patient
- Differential diagnosis for tuberculosis/NTM
- Auxiliary diagnosis for negative MTB
- Auxiliary diagnosis for ex pulmonary tuberculosis
- MTB/NTM infection test of high risk population (people who closely contact with patient with smear positive, HIV patient, diabetes patient and patient who receives biological agent/immunosuppressor therapy)
- Epidemiology Survey

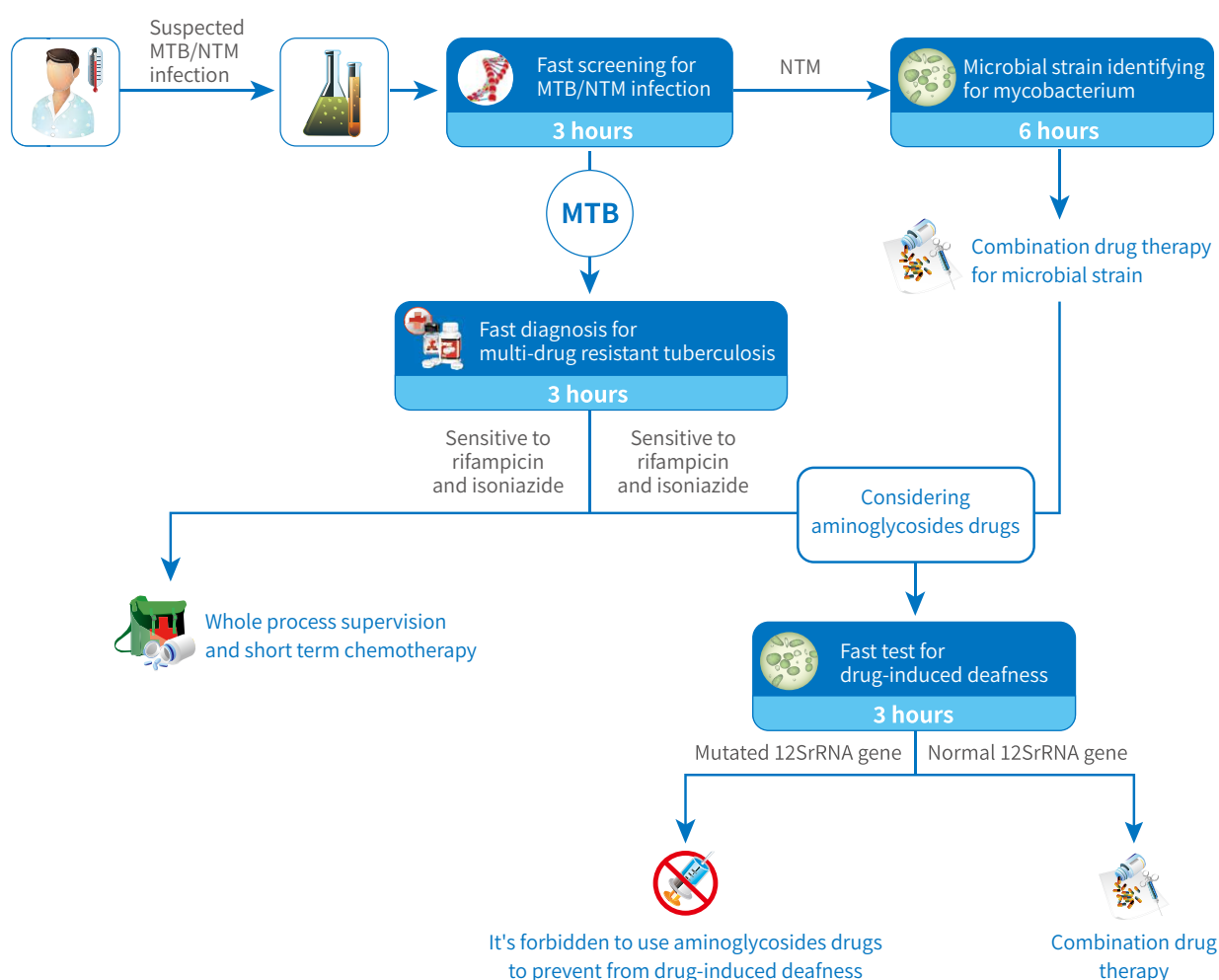
Applicable Model

ABI7700 and ABI7500 Fluorescent PCR Test System; FQD 96A Fluorescent Quantitative Polymerase Chain Reaction (PCR) Test System produced by Hangzhou Bioer Technology Co., Ltd.; Mastercycler ep realplex4 Real time Fluorescent Quantitative PCR instrument produced by Eppendorf Company.

Clinical Verification

Hospitals	Specificity (%)	Positive MTB Sensitive (%)	Negative MTB Sensitive (%)
Beijing Geriatric Hospital	99.3	95.9	14.5
Beijing Institute of Tuberculosis Control	96.9	96.7	23.8
Mean Value (1,015 cases)	98.9	97	24.4

Clinical Application Scheme



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