



# EURORealTime MTB

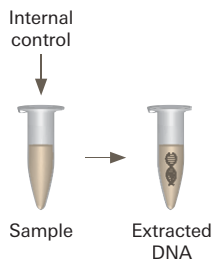
## Direct determination of tuberculosis pathogens using real-time PCR

- Reliable detection of all members of the *Mycobacterium tuberculosis* complex (MTBC) in sputum, bronchoalveolar lavage fluid and bronchial secretion
- Secure detection of MTBC pathogens using three target genes
- Automated evaluation and documentation with the EURORealTime Analysis software

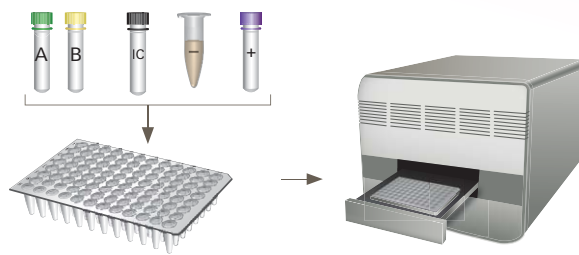
### EURORealTime MTB

(order number: MP 2145-####)\*

#### 1. DNA isolation



#### 2. EURORealTime PCR



#### 3. Data analysis & result documentation



**Sample material:** sputum, bronchoalveolar lavage fluid and secretion

**Ready-for-use reagents:** PCR mixes and controls

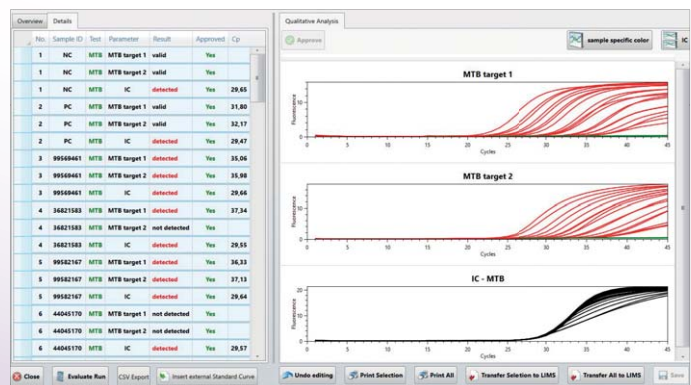
**Compatible real-time PCR platforms:** LightCycler 480 II (Roche), 7500 Fast Real-Time PCR Instrument (Applied Biosystems); other instruments must be validated by the user

\* Test is not available in the USA

### EURORealTime-Analysis software

(order number: YG 0661-0101)

- Simplified workflow through software support with automated generation of pipetting schemes
- Efficient process from standardised raw data analysis to documentation of results
- Convenient user guidance through the entire work process
- Compatible with various real-time PCR cyclers and LIS



### Analytical performance

- Lower detection limit (LoD): 0.5 cp/μl (DNA copies per μl eluate)
- No cross-reactions detected with nucleic acids from various pathogens commonly found in the respiratory tract or closely related to MTB