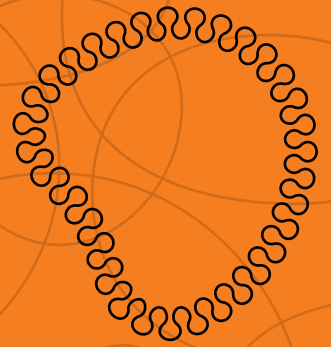


RealAccurate[®] Mycobacterium tuberculosis PCR kit



A Real Time PCR assay for the detection of Mycobacterium tuberculosis

Overview

The RealAccurate[®] Mycobacterium tuberculosis PCR kit is a Real Time PCR test enabling detection of small amounts of Mycobacterium tuberculosis complex DNA by targeting the multicopy IS6110 insertion element. Additionally, the kit includes a competitive amplification control of a modified Mycobacterium smegmatis strain. Amplification and detection can be performed on Real Time PCR instruments able to detect fluorescence in the FAM and in the Yakima Yellow channels.

Targets

Catalog	Target	Reactions
PF0020-R	Mycobacterium tuberculosis	60
PF0120-R	Mycobacterium tuberculosis	500

Diagnostic specimens

- Bronchoalveolar lavage (BAL)
- Sputum

Quality

- Validated on +14.000 clinical samples
- Validated on QCMD panels
- **CE**-IVD marked
- Produced under ISO13485:2003

Features and benefits

- Diagnosis within 2 hours
- Contains a competitive Internal Inhibition Control

Procedure

The RealAccurate[®] Mycobacterium tuberculosis PCR Kit is a ready to use set of optimized reagents containing primers and a FAM-labeled probe for the detection of members of the Mycobacterium tuberculosis complex (M. tuberculosis, M.bovis, M.microti, M.africanum and M.canetti) as well as a Yakima Yellow-labeled probe to detect a modified IS6110 element in the Mycobacterium smegmatis internal inhibition control DNA. Amplification and detection can be performed on Real Time PCR instruments able to detect fluorescence in the FAM- and in the Yakima Yellow channels.

Reference

Detection of Mycobacterium tuberculosis complex with Real Time PCR: comparison of different primer-probe sets based on the IS6110 element; Savelkoul et al, J. Microbiological Methods; 200; Vol. 66, p.177-180