COYOTE

FlashDetect™ TB Drug Resistance Detection

Compatible with
FlashDetect™ Flash10



Molecular POCT System for Rapid TB Drug Resistance Detection

MTB&RIF

All-in-One Cartridge

Simultaneous detection of Mycobacterium tuberculosis (MTB) andI resistance to Rifampicin (RIF) from a single sample.

- **Sample to result**
- LoD 10 CFU/mL for MTB
- Including internal control
- Pre-loaded lyophilized reagents
- **Fully enclosed cartridge reduced risk of contamination**
- Room temperature storage and transportation

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TECHNICAL SPECIFICATIONS

FlashDetect™ LyocartE MTB/RIF Assay

Method	Real-Time PCR —— Melt Curve Analysis
Integrated workflow	Fully automated for sample processing, extraction, amplification, and results interpretation
LoD	MTB:10 CFU/mL; RIF:300 CFU/mL
Sample Type	Sputum
Storage Temperature	2-28℃

Product	Format	Detection Time	Analytes & Fluorescence Channel	Compatible Systems	Status
FlashDetect™ LyocartE MTB&RIF Assay		60mins	**ATTO425:** *rpoB1* **FAM:** *rpoB2* **HEX:** *rpoB3* **ROX:** MTB(6110+1081) **CY5:** *rpoB4* **CY5.5:** Internal Control	Flash10 (6-colour channel) SPS-1*	available (CE IVD)

WORKFLOW



1 Transfer sample to cartridge

2 Sample Preparation

3 Insert cartridge and start test

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Molecular Diagnostics For Everyone