



A legacy of trust and leadership in
supporting the goal to eliminate TB

BD BACTEC™ MGIT™ Systems



BD BACTEC™ MGIT™ instruments are scalable and modular to support laboratories of all sizes

Refreshed Instrumentation

The BD BACTEC™ MGIT™ 960 and 320 instruments are fully automated systems for the detection of mycobacteria in digested and decontaminated clinical specimens (except urine) and sterile body fluids.



- Demonstrated performance with a new, streamlined design
- New pocket style drawer handles that do not require compressing to open
- Easy, ergonomic workflow with a new display screen
- First line Drug Susceptibility Testing (DST) results
- Plastic tubes and no sharps for safe handling
- Safety feature added to prevent multiple drawers from being opened at the same time
- USB port for simple software updates, troubleshooting and system diagnostic purposes



Data Management

The BD EpiCenter™ data management system with TB-eXiST provides advanced data management capabilities that are designed specifically for TB testing with a set of customized reports, allowing for the continuous monitoring, storage and tracking of DST results.

- Offers the ability for users to test and interpret TB-DST results
- Allows for 1st line DST when needed
- Simplifies multiple-concentration testing
- Display comparative curves

From specimen collection to final result, BD offers solutions to support *M. tuberculosis* and other mycobacteria testing needs

Specimen collection

BD sputum collection system



Digestion, decontamination, plating, staining and microscopy

BD BBL™ Mycoprep™, BD BBL™
Acid Fast and Fluorescent stains,
BD BBL™ prepared media



SIRE and PZA 1st line DST

BD BACTEC™ MGIT™ systems



Manual and fully automated liquid culture

BD BACTEC™ MGIT™ systems



Direct, fast ID from positive MGIT tube

BD MGIT™ TBc Identification Test



Data management and reporting tools

BD EpiCenter™ Data Management
System with TB-eXiST Extended
Individual Susceptibility Testing



A comprehensive portfolio of TB t



BD BACTEC™ MGIT™ instruments

Cat. No.	Description	Quantity
441743	BD BACTEC™ MGIT™ 320	320 tubes
445870	BD BACTEC™ MGIT™ 960	960 tubes



BD BACTEC™ MGIT™ tubes and supplements

Cat. No.	Description	Quantity
245122	BD BACTEC™ MGIT™ 7mL tube	100/pk
245124	BD BACTEC™ MGIT™ Supplement Kit	100/pk



According to the CDC, a culture should be performed on all specimens from a patient suspected of having TB.¹

Testing solutions



BD BACTEC™ MGIT™ 1st line drugs, media and kits

Cat. No.	Description	Quantity
245123	SIRE KIT, 1 bottle each: Streptomycin, Isoniazid, Rifampin, Ethambutol	1/pk
245125	Streptomycin 4.0 Kit	1/pk
245126	Isoniazid 0.4 Kit	1/pk
245127	Ethambutol 7.5 Kit	1/pk
245157	IR (Isoniazid and Rifampicin) Kit	1/pk
245128	PZA Drug Kit	1/pk
245115	PZA Medium	25/pk
245114	PANTA Antibiotic Mixture, Lyophilized	6/pk
245116	OADC Enrichment	6/pk



Specimen collection

Cat. No.	Description	Quantity
290020	BD Sputum collection system	72
240862	BD MycoPrep™ specimen decontamination kit – 75 mL	Kit
240863	BD MycoPrep™ specimen decontamination kit – 150 mL	Kit



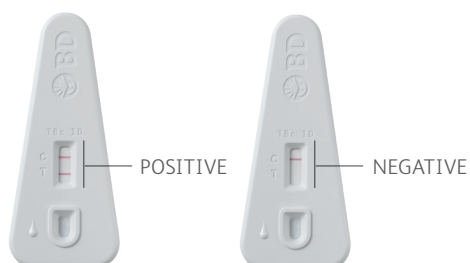
Prepared tubed media

Cat. No.	Description	Quantity
220908	Lowenstein-Jensen Medium Slants. 20 x 148 mm tube with cap	Pkg. of 10
220909	Lowenstein-Jensen Medium Slants. 20 x 148 mm tube with cap	Ctn. of 100



Digestion, decontamination staining and microscopy

Cat. No.	Description	Quantity
212521	TB Fluorescent Stain Kit T 1 250 mL bottle each of TB Auramine-Rhodamine T, TB Decolorizer TM, TB Potassium Permanganate	1 Each
212522	1 250 mL bottle each of TB Carbofuchsin KF, TB Decolorizer, TB Brilliant Green K	1 Each



BD MGIT™ TBc Identification test

Cat. No.	Description	Quantity
245159	BD MGIT™ TBc ID	25/pk

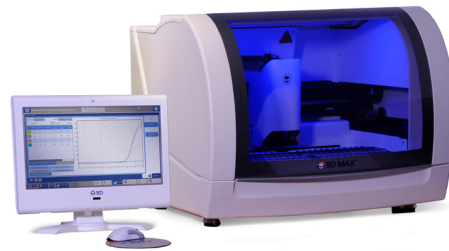
BD provides integrated, end-to-end TB testing solutions from culture-based testing to molecular testing



BD BACTEC™ MGIT™ Mycobacterial System

A fully automated solution for mycobacterial liquid culture and susceptibility testing.

Offers detection and drug susceptibility testing for *M. tuberculosis* (Streptomycin, Isoniazid, Rifampin, Ethambutol and Pyrazinamide).



MDR-TB assay on BD MAX™ System

A fully integrated, automated molecular platform providing rapid and accurate TB detection and DST for both isoniazid and rifampicin.

One assay offers detection, identification and first line drug susceptibility testing for *M. tuberculosis* (Isoniazid and Rifampin).

Reference:

1. Centers for Disease Control and Prevention (CDC). *Diagnosing latent TB infection and TB disease*. Accessed on March 15, 2021, at <https://www.cdc.gov/tb/topic/testing/diagnosingltbi.htm>

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