

TUBERCULOSIS

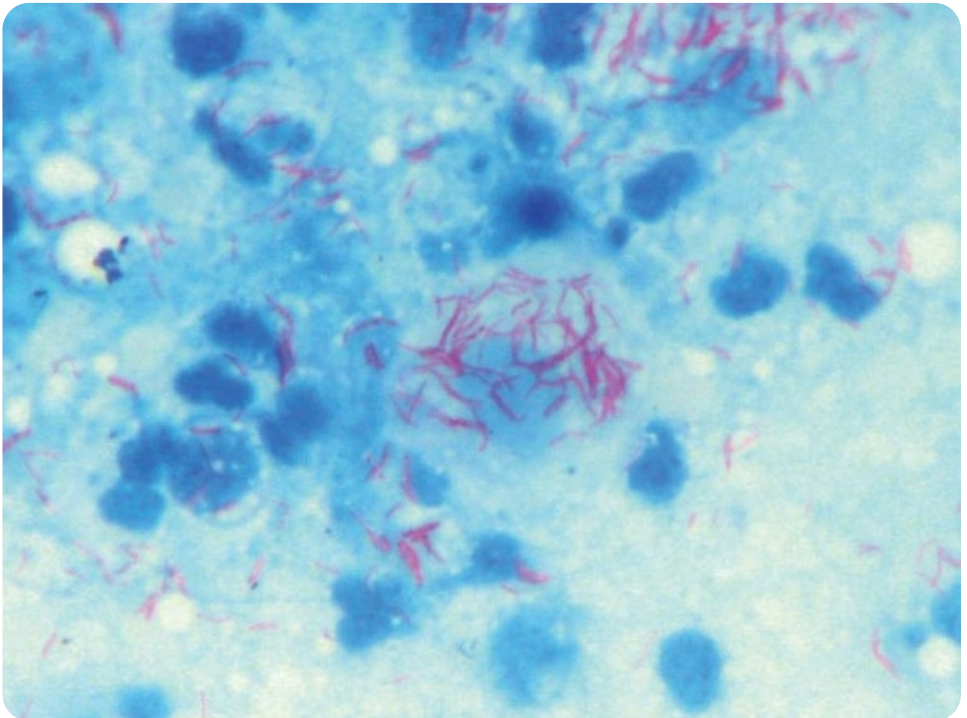
Microbiology

TUBERCULOSIS

Microbiology

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Media for the Cultivation and Identification of Tuberculosis

Arylsulfatase Broth

For use in detecting arylsulfatase production in rapidly growing *Mycobacterium* spp.

0.001M, 2ml, 16x125mm tube, 20pk K93

Lowenstein Jensen

Egg based media for use in the cultivation and isolation of *Mycobacterium* spp.

5ml deep, 20x150mm tube, 20pk C27

Slant, 10ml, 20x125mm tube, 20pk C21

HardyFlask™, 20pk X22

Bovine Serum Albumin

Enhances the growth of *Mycobacterium* spp.

Tube, 3ml, 13x100mm tube, 20/bx Z81

Lowenstein Jensen - Gruft Modification

Slant, 20x125mm tube, 20pk C23

HardyFlask™, 20pk X23

Lowenstein Jensen with Pyruvate

Slant, 20x125mm tube, 20pk C28

HardyFlask™, 20pk X19

Lowenstein Jensen - Selective

Addition of cycloheximide, lincomycin, and nalidixic acid.

Slant, 20x125mm tube, 20pk C25

Lowenstein Jensen with Sodium Chloride

Slant, 5ml, 20x125mm tube, 20pk C29

Lowenstein Jensen with Ferric Ammonium Citrate

HardyFlask™, 20pk X21

Middlebrook 7H9

Recommended for use in the cultivation of *Mycobacterium* spp. from sterile fluids.

Middlebrook 7H9 with Tween® 80, 5ml, 16x125mm tube, 20pk C62

Middlebrook 7H9 Broth, 10ml, 16x125mm tube, 20pk C32

Middlebrook 7H10

Agar based media for the isolation and cultivation of *Mycobacterium* spp.

Middlebrook 7H10, Deep fill, 26ml, 15x100mm plate, 10pk W30

Slant, 20x125mm tube, 20pk C34

HardyFlask™, 20pk X26

Middlebrook 7H10 with 10% Human Blood, 10ml, 20x125mm tube, 20pk C42

Middlebrook 7H11

Recommended for use in the cultivation and isolation of *Mycobacterium* spp.

Deep fill, 28ml, 15x100mm plate, 10pk W35

HardyFlask™, 20pk X25

Space Saver Plate, 10x100mm, 15pk SP57

Slant, 20x125mm polycarbonate tube, 20pk C36



Middlebrook 7H10, Cat. no. W30

Middlebrook 7H11 Selective

Mitchison formula with CAPT antibiotics for selective isolation of *Mycobacterium* spp.

Deep fill, 15x100mm plate, 10/pk	W40
Slant, 20x125mm tube, 20/pk	C38
HardyFlask™, 20/pk	X28

Middlebrook 7H11/Middlebrook 7H11

For use in the selective isolation is recommended for use in the isolation and cultivation of *Mycobacterium* species.

15x100mm biplate, 10/pk	J75
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Middlebrook OADC Supplement

A supplement for Middlebrook culture media.

100ml fill, 180ml bottle, each	U98
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Nitrate Substrate Broth

For the determination of nitrate reactions of *Mycobacteria* spp. Use with AFB nitrate reagents (Cat. nos. Z124 and Z125).

2ml, 13x100mm tube, 20/pk	R97
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Pyrazinamidase Agar

For the differentiation of *Mycobacteria* spp. by pyrazinamidase activity.

5ml, 16x125mm tube, 20/pk	K158
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Wallenstein Slant

For the cultivation of *Mycobacterium* spp. especially *Mycobacteria avium* complex.

Slant, 20x125mm tube, 20/pk	C61
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**Direct Specimen Staining
Fluorescent Method**

**AFB Fluorescent Stain Set
(Auramine O)**

Kit includes one 250ml bottle of each of the following: auramine O fluorescent stain, decolorizer and potassium/permanaganate.

3x250ml	418K
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Auramine Fluorescent Stain

An aqueous solution of phenol and auramine O Stain.

250ml	418D8
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Auramine-Rhodamine Stain

An aqueous solution of phenol, glycerine, isopropyl alcohol, rhodamine B and auramine O.

8 oz	789D8
32 oz	789D32
3x8 oz	630K

Potassium Permanganate (0.55%)

An aqueous solution of potassium permanganate.

250ml	PPC18
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Cat. no. 630K

Staining and Slide Preparation

AFB Stain Kit

Carbol Fuchsin (Kinyoun), Acid Alcohol
3%, Methylene Blue Counterstain.
3x8 oz AF900

Acid-Fast Smear Fix

For BACTEC™ blood cultures, for better
slide adhesion of specimens,
15ml Z56

Acid Alcohol, 3% HCl in Alcohol

For AFB staining, Kinyoun or Ziehl-Neelsen.
250ml AA008

AFB Brilliant Green Stain Kit

Contains Carbol Fuchsin (Kinyoun), Acid
Alcohol 3%, Brilliant Green Counterstain.
3x8 oz 483KB

Carbol Fuchsin (Kinyoun)

250ml CF008



Cat. no. CF008

Methylene Blue Counterstain

For Acid-Fast stain procedures and
other uses.
16 oz 675A16

Methyl Alcohol, 100%, Reagent Grade

16 oz QS1016
32 oz VMT032
1 gallon 107B128

BlueMount™

A permanent slide mount for mycology
specimens that contains the stain
lactophenol cotton blue. Produces a long
lasting permanently stained slide. Contains
polyvinyl alcohol (PVA) that will dry and
set up hard. Creates a perfectly preserved
slide.

15ml vial Z137

Lactophenol Cotton Blue

For staining fungi on slide wet mounts.
15ml vial Z68

Potassium Hydroxide

For use in slide preparations of specimens
for the purpose of identifying fungal
elements. Dissolves epithelial cells that
may mask fungal elements.

10%, KOH, 15ml vial Z77

20%, KOH, 15ml vial Z78

India Ink

For use in the identification of
Cryptococcus neoformans by detection of
the polysaccharide capsule. India ink is a
negative stain that will show a clear zone
where the capsule is.

15ml bottle Z64

Reagents and Disks

Caffeic Acid Disks

A rapid test to detect the ability of
an organism to produce the enzyme
phenyloxidase; useful for the identification
of *Cryptococcus neoformans* and
Cryptococcus gattii.

25 disks/pk Z118

Nitrate Reagents

Recommended for use in the
determination of nitrate utilization by
Mycobacterium spp.

AFB Nitrate Reagent A (Sulfanilamide,
0.2%) 15ml Z124

AFB Nitrate Reagent B
(Naphthylethylenediamine
Dihydrochloride, 0.1%)
15ml Z125

Digestion and Decontamination Reagents

MucoGest™ 50

MucoGest™ is composed of dithiothreitol, a mucolytic agent recommended for use in the digestion and decontamination procedures of sputum and other clinical specimens for the recovery of *Mycobacteria* spp. and fungi. Use MucoGest™ with TB Based Digestant (Cat. no. X45) for TB.

0.25 gm (to make 50ml of solution),

20/pk

Z130



Phosphate Buffer

Used to break down mucous components of sputum and other clinical specimens and to decontaminate the specimen of normal flora in order to allow slower growing mycobacteria to grow.

30ml, 2 oz bottle, 25/bx X31

40ml, 2 oz bottle, 25/bx X43

500ml, 500ml bottle, each U10

Sputum Digestion And Decontamination Reagents

Used to break down mucous components of sputum and other clinical specimens and to decontaminate the specimen of normal flora in order to culture slower growing mycobacteria.

N-Acetyl-L-Cysteine (NALC)

2.5gm, 16x100mm tube, 20/bx Z161

250mg (prepares 50ml), 16x100mm tube, 20/bx Z60

TB Base Digestant

50ml, 2 oz bottle, 25/bx X45

100ml, 125ml bottle, 12/bx U22

500ml, 500ml bottle, each U20

Control Slides

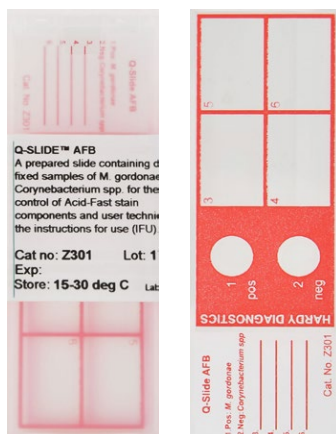
Q-Slides™ AFB Control Slides

Used to test both the stain reagents and user technique. Can be used for Kinyoun, Ziehl-Neelsen, and fluorescent AFB stain methods. Slides are prepared and fixed with a known AFB positive and negative organism. There is also space for four test specimens.

- A convenient, easy to-use-format.
- Good dispersion of cells that stain deeply with excellent contrast.
- Large number of cells per viewing area at 1,000x.
- Large area for patient specimens contained by hydrophobic lines.
- Plastic container protects and allows for easy manipulation of slides.
- White labeling area for patient identification.

5 slides per box

Z301



For easy QC of your stain and staining technique!



Lab Supplies

Adenna MIRACLE® Gloves

Light weight, soft, very flexible and 100% rubber latex free

Small, 2,000/case MIR162

Medium, 2,000/case MIR165

Large, 2,000/case MIR166

Adenna Disposable Face Mask

These masks are 100% latex and fiberglass free, as well as non-irritant and odorless.

10x50 case/500 masks FEL110B

Surgical Mask

Soft, cool, and breathable while meeting the ASTM F200-01 testing requirements of submicron filtration above 98%.

500/case 15100

ComfortPRO™ Lab Coat

These affordable, disposable lab coats are made of tri-laminated, spunbound material (SMS) which is designed to be fully breathable and splash resistant.

Medium, 20/case NEGU6073M

Large, 20/case NEGU6073L

XLarge, 20/case NEGU6073XL

Face Shield, Full Face, Disposable

Used for protection of the facial areas (eyes, nose, mouth) from sprays, aerosols, and splashes.

- Ideal for healthcare and laboratory workers

- Made from PETG

- Anti-fogging visor

10/pk MD30331

AloeSafe™ Antiseptic Gel Hand Sanitizer

AloeSafe™ hand sanitizer with ethyl alcohol gel with Aloe Vera, Lavender Oil, and Vitamin E, without the harsh chemicals.

16 oz bottle, each AS16HD

Flocked Nasopharyngeal (NP) Swab, Sterile, 80mm Breakpoint

Flexible, mini-tip size flocked swab with 80mm breakpoint in peel pouch, individually packaged, sterile, Nasopharyngeal (NP).

100/pk 972012

Mid-Turbinate Adult Flocked Swab w/stopper, 80mm Breakpoint

Flocked tip swab, 80mm breakpoint, in peel pouch - individually packaged, sterile, disposable.

100/pk 972014

Mid-Turbinate Pediatric Flocked Swab w/stopper, 80mm Breakpoint

Regular polyester tip swab, 80mm breakpoint, in peel pouch - individually packaged, sterile, disposable.

100/pk 972015

UV Chamber, N95 Mask

Decontamination by UV light

Never run out of N95 masks again. Quickly sanitize them yourself by UV light.

- Sanitizes four N95 masks at once
- Takes only two minutes
- Small footprint
- Two Year Manufacturer's Warranty
- UL/CSA/CE Approved

Each 234100HD

DuraRack™ Petri Plate Holder

A durable, autoclavable, heavy gauge coated steel wire rack that allows for easy loading and unloading of Petri or contact plates.

60 Petri plate holder, each DURA60

84 Petri plate holder, each DURA84

60 Contact plate holder, each DURA60C



UV Chamber,
Cat. no. 234200HD



Hardy Diagnostics
donates 1% of net
profits to charity.



FM 572526

Hardy Diagnostics has a Quality Management System that is certified to ISO 13485 and is a FDA licensed medical device manufacturer.

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