

# Innovative Laboratory Products Catalog

PRINTED & NON-PRINTED SLIDES | CONTROL SLIDES | COLLECTION & TRANSPORT | STAINS & REAGENTS | MYCOLOGY | PARASITOLOGY | TUBERCULOSIS (TB) | IN THE CLASSROOM | BENCH AIDS | STERILE TOOLS



Available in Canada from...



1-888-593-5969 • www.biolynx.ca • tech@biolynx.ca



Stewart Lipton Ph.D., BCLD (AAB) FOUNDER / CEO



Bruce Turner PRESIDENT

#### OUR MARKETS

#### Industrial/OEM

We have the kind of industry expertise and product knowledge it takes to be a game-changing partner in the Industrial and OEM space.

### **Education**

We provide educators with unique tools and training materials to maximize the classroom and laboratory learning experience.

#### Clinical

We offer cost-effective product solutions that save time, maximize efficiencies, and improve patient outcomes.

#### Research

We work hand-in-hand with you to develop innovative solutions for your research and analytical applications.

#### What We Do

At Scientific Device Laboratory, we find solutions to scientific challenges by employing our expertise in microbiology, innovative manufacturing, cutting-edge microfluidics, and the complex specialty of printing and coating microscope slides. Our family of bright, creative employees is committed to meeting the needs of the clinical laboratory, expanding our line of unique OEM products for corporations and collaborating with researchers to bring innovative new materials and products to market.

#### Who We Are

The washing machine served as the packaging department, and the warehouse was a typical suburban garage—it was 1980 and Dr. Stewart Lipton, fused his entrepreneurial spirit, his clinical experience as Lab Director at a major Chicago Hospital, and his wife Roberta's business acumen, to found Scientific Device Laboratory under the simple motto: "If we can't find a way, we will make one." This simple, tenacious problem solving mission has remained the guiding principle behind our business since its earliest beginnings.

Today, our many customers commonly refer to us as 'those gadget people,' and we are immensely proud of our reputation for being one of the most flexible, innovative, and customer responsive companies in the industry.

#### What We Promise

"Our products may not change the world, but they'll transform your day." SDL is committed to leading the industry in Quality, Innovation, and Customer Responsiveness.

We know that despite your best efforts to maintain a controlled environment, unexpected issues are bound to arise in the laboratory. There will be times when you're in the middle of a rush job and a critical piece of hardware fails, or when you find a standard near expiration, or when you run out of an essential reagent and time is of the essence. Being a small company, we are uniquely suited to respond rapidly, give extra priority to your orders, return quotes quickly and expedite purchasing and delivery.

Streamline your Processes and Maximize your Efficiencies...

Scientific Device Laboratory
411 Jarvis Ave. Des Plaines, IL 60018
847.803.9495 • fax 847.803.8251
scientificdevice.com
info@scientificdevice.com

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Protozoa Suspensions

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· Snap n' Digest

Scientific Device Laboratory
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# **Hours of Operation:**

Monday-Friday 8:30am - 5:00pm CST

#### **How to Order:**

847.803.9495 phone 847.803.8251 fax www.scientificdevice.com eorder@scientificdevice.com

#### **Custom Products:**

We welcome requests for custom products.

#### **Returns:**

If for any reason your are unsatisfied with your order, please contact Customer Service at 847.803.9495

## **Pricing:**

Subject to current pricing at time of shipment.

# **Technical Documentation:**

- Product Safety Data Sheets are listed on our website under Resources.
- IFUs are supplied with the associated products.
- C of As are provided upon request.

#### **Payments:**

Make Payable to Scientific Device Laboratory 411 Jarvis Ave. Des Plaines, IL 60018 NET 30 days from date of invoice. All payments to be in U.S. dollars.

# **Payment Terms:**

- Net 30 days from date of invoice.
- FOB Des Plaines, IL.
- All products subject to availability.





# Printed and Non-printed Slides

### **Adhesive Coated Slides**

Hybridization Slide	Cat # 063	144/pkg
Poly-L-lysine Slide	Cat # 067	144/pkg
Silane Slide	Cat # 068	144/pkg

- · Prevent loss of paraffin and frozen sections during histologic staining
- · Increase efficiency with printed and coated slides

# **Agglutination Plates**

Agglutination Plate 30 Well - Clear Glass	Cat # 074-3023C	6/pkg
Agglutination Plate 30 Well - Black Glass	Cat # 074-3023B	6/pkg
Agglutination Plate 36 Well - Clear Glass	Cat # 074-3623C	6/pkg
Agglutination Plate 36 Well - Black Glass	Cat # 074-3623B	6/pkg

- · Use for latex and febrile agglutination techniques
- Create custom designs for your lab's specific needs; note that custom orders cannot be returned
- 6.25" x 6.25" x 3mm thick

Agglutination Plate 384 Well - Clear Glass	Cat # 074-035384B	20/pkg
Agglutination Plate 384 Well - Black Glass	Cat # 074-035384A	20/pkg

Cat # 074-9605

- For transfer from microtiter plates
- Create custom designs for your lab's specific needs; note that custom orders cannot be returned
- 84mm x 126mm x 3mm thick

# Agglutination Plate 96 Well

- Fits standard microtiter plates
- · Hydrophobic epoxy printed masks
- 4.75" x 3.25" x 1mm thick

# **Agglutination Slides**

Agglutination Slide 8 Round Well	Cat # 074-2	144/pkg
Agglutination Slide 8 Square Well	Cat # 074-1	144/pkg
Agglutination Slide 12 Round Well	Cat # 074-1214	144/pkg

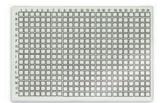
- · Use for latex and febrile agglutination techniques
- Create custom designs for your lab's specific needs. Note that custom orders cannot be returned
- · Optional glass thickness available
- 2" x 3" x 1mm thick



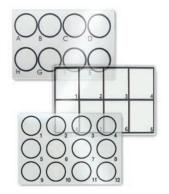
Hybridization Slide



Agglutination Plate 36 Well Clear and Black Glass



Agglutination Plate 384 Well Clear Glass



Agglutination Slides



6/pkg

# Printed and Non-printed Slides

### **Custom Slides**

# **Hydrophobic Ink Custom Printed Slide**

Cat # 041

144/pkg / min order 5 pkg

- Custom and off the shelf designs for any manual or automated process
- Single-well, all the way up to 192-well slides
- Unlimited grid and shape sizes down to a diameter of 50 microns
- Test multiple designs in small quantities: 720 slide minimum
- Test optional glass quality, purity, and thickness
- · Choose from red, green, yellow, black, or white matte ink color
- · Choose from standard or custom colors, ink wall height, optional adhesives, drilled wells, and more
- · Specially cured hydrophobic and super-hydrophobic ceramic inks are resistant to harsh lab chemicals
- · Clear or frosted ends available
- Expedited turn-around; less than 3 weeks

Super Hydrophobic Ink Custom Printed Slide	Cat # 041-T	144/pkg / min order 5 pkg
Excellent for use in growing cells on the slide		

# CytoSpin™ Slides

CytoSpin™ Slide Elitech/Wescor	Cat # 056-1	144/pkg / min order 5 pkg
CytoSpin™ Slide Hittich Centrifuge Uncoated	Cat # 065-1	144/pkg / min order 5 pkg
CytoSpin™ Slide Sakura®	Cat # 061-1	144/pkg / min order 5 pkg
CytoSpin™ Slide Shandon 1 well	Cat # 057-1	144/pkg / min order 5 pkg
CytoSpin™ Slides Shandon 2 well	Cat # 058-1	144/pkg / min order 5 pkg
CytoSpin™ Slide Stat-Spin™	Cat # 060-1	144/pkg / min order 5 pkg
CytoSpin™ Slide Stat-Spin™ Cytofuge	Cat # 062-1	144/pkg / min order 5 pkg

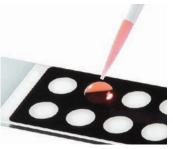
- · Locate centrifuge smears quickly by precisely framing sample
- · Replace grease pencils with permanent hydrophobic epoxy ink that resists most solvents
- Optional poly-I-lysine or silane coating available

#### **Gram Stain Slides**

Gram Stain Printed Slide - 8 Squares with Numbers	Cat # 030-1	144/pkg
Gram Stain Printed Slide - 8 Divided without Numbers	Cat # 030-2	144/pkg
Gram Stain Printed Slides - 10 Divided with Numbers	Cat # 030-3	144/pkg

- · Locate smeared area easily within clearly defined wells that will not cross-contaminate
- Train new technicians quickly in locating hard-to-find smears
- · Avoid wax pencil lifting off slide and leaving artifacts after staining
- · Customization available





Hydrophobic Custom 10 well black mask slide





CytoSpin<sup>TM</sup> Slides



Gram Stain Slides





# **Grid Slides**

Grid Slide - No MaskCat # 044144/pkg / min order 5 pkgGrid Slide - Black MaskCat # 044-2144/pkg / min order 5 pkg

- You can note exactly where an organism is located on the microscopic grid printed on the reverse side
- Each square grid fills one low powered field approximately 100x magnification
- Black grid on the reverse side of the slide
- · Ink is resistant to stains and common laboratory solvents
- · Customization available

<b>Microscope</b>	Slides N	Non-Printed
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Microscope Slide Ceramic End Cat # 055 10 gross/case

· Optional colors: red, green, yellow, blue, white

# **Sterile Microscope Slides**

Sterile Microscope Slide Frosted End	Cat # 050-S-100	100/pkg
Sterile Microscope Slide White End	Cat # 050-1S-100	100/pkg
Sterile Microscope Slide Yellow End	Cat # 050-2S-100	100/pkg

· In individual envelope - autoclaved

#### **TB Slide Printed**

**TB Slide Printed** Cat # 041-0120 144/pkg

- · Locate smears easily and quickly
- Train new technicians to locate hard-to-find organisms
- Increases contrast for fluorescent staining with black epoxy background mask







Grid Slide - No Mask and Grid Slide - Black Mask

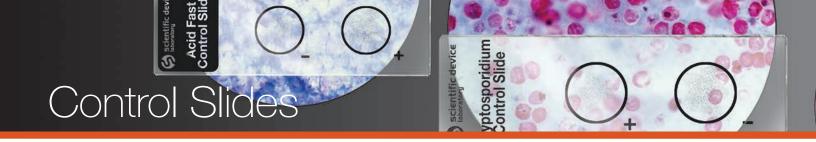


Sterile Microscope Slides



TB Slide Printed





#### **Control Slides**

Acid Fast Stain Control SlideCat # 35010 slides/pkgAcid Fast Stain Control SlideCat # 35150 slides/pkg

- · Simulates clinical sputum smear with appropriate background material in both positive and negative wells
- · Scan quickly with high organism counts on both positive and negative wells
- · Satisfy regulatory requirements with Acri-Fluor, Modified Auramine O, or other non-fluorescent stains
- Eliminate the need to maintain your own cultures
- · Cost effective compared to alternative brands
- Positive well: Mycobacterium tuberculosis / Negative well: Escherichia coli

### **Cryptosporidium Stain Control Slide**

Cat # 370

10 slides/pkg

- · Scan quickly with high organism counts on both positive and negative wells
- Standardize and satisfy regulatory requirements for both Cryptosporidium and Nocardia
- Use with Acri-Flour or Crypto Kinyoun Standard Stain Sets
- · Eliminate the need to maintain your own cultures
- · Cost effective compared to alternative brands
- Positive well: Cryptosporidium sp. in fecal flora / Negative well: normal fecal flora

# Giemsa-Wright Stain Control Slide - Unstained

Cat # 430

10 slides/pkg

- · Control for malaria parasite staining procedure
- Scan quickly with high organism counts of red blood cells infected with Babesia sp.
- Standardize and satisfy regulatory requirements for Giemsa-Wright Stain control
- · Eliminate the need to maintain your own cultures
- · Cost effective compared to alternative brands

# Gram Stain Control SlideCat # 36010 slides/pkgGram Stain Control SlideCat # 36150 slides/pkg

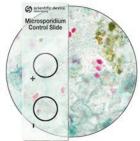
- Satisfy regulatory requirements for proper staining of gram positive and gram negative organisms: positive well contains *S. aureus* gram positive cocci / negative well contains *E. coli* gram negative rods
- Improve work flow with clinical smears on the same slide with both positive and negative control smears
- Scan quickly with high organism counts on both positive and negative wells
- · Eliminate the need to maintain your own cultures
- · Cost effective compared to alternative brands

# **Iron Stain Control Slide**Cat # 431 10 slides/pkg

- Satisfy regulatory requirements for proper iron staining
- Scan quickly with correct color on both positive and negative wells
- · Cost effective compared to alternative brands



Acid Fast Stain Control Slide



Cryptosporidium Stain Control Slide



Giemsa-Wright Stain Control Slide



Gram Stain Control Slide





### **Control Slides** continued

# **Microsporidium Stain Control Slide**

Cat # 369 10 slides/box

- · Scan quickly with high organism counts on both positive and negative wells
- Standardize and satisfy regulatory requirements for Microsporidia
- Eliminate the need to maintain your own cultures
- · Cost effective compared to alternative brands
- · Positive well: Microsporidia in fecal flora / Negative well: normal fecal flora

# **Pneumocystis Stain Control Slide**

Cat # 356

10 slides/pkg

- Simulates clinical specimen of homogenate of lung tissue
- · Scan quickly with high organism counts
- Standardize and satisfy regulatory requirements for *Pneumocystis* sp. staining
- · Not for use with monoclonal antibody fluorescent assays

# Protozoa Stain Control Slide Protozoa Stain Control Slide

Cat # 354

10 slides/pkg

Cat # 355-25

25 slides/pkg

- · Simulates clinical fecal specimen
- · Scan quickly with high organism counts
- Standardize and satisfy regulatory requirements for protozoa staining
- Eliminate the need to maintain your own cultures
- Cost effective compared to alternative brands
- · Contains Giardia lamblia

Secretific device

Protozoa

Microsporidium Stain

Control Slide

Protozoa Stain Control Slide

Also see IN THE CLASSROOM for stained and unstained prepared slides, tissue and blood suspensions, and USB teaching images.

Our control slides will save your lab time, resources, and money while enhancing patient care and the student learning experience.



# Collection & Transport

# **Explosion Proof Stool Containers**

#### **Explosion Proof Stool Containers**

- · Avoid gas build-up and explosions on stool samples
- · Open container slowly and safely with specially designed screw-on top
- Reduce spillage with leak proof container
- Wide 3.5" mouth
- Capacity of 250ml

# Cat # 581-200 200/pkg

Explosion Proof Stool Container

# Fecal Concentrators

#### **Fecal Concentrator Kit**

Cat # 641 1 kit/pkg

- · All items need to concentrate intestinal parasites from preserved fecal specimens
- Separate effectively uniform filter diameter of 0.6mm allows eggs, larvae, cysts, oocysts, and spores while stopping macroscopic debris
- · Reduce process time
- Kit contains: (1) 250ml bottle Parawash; (1) 15ml bottle mucolytic digesting agent; (50) 15ml polypropylene centrifuge tubes; 50 standardized fine mesh filter funnels; 50 tube caps

Cat # 642

Cat # 643

Cat # 6052

250/pkg

250/pkg

100/pkg

# **Centrifuge Tubes with Caps**

- · For use with Fecal Concentrator Kit
- 15ml polypropylene centrifuge tubes with caps

#### **Fine Mesh Filter Funnels**

- · For use with Fecal Concentrator Kit
- Standardized fine mesh filter funnel

### **Closed System Fecal Parasite Concentrator 15ml**

- · Safe and affordable
- · Minimum of handling and odor for fecal specimen concentration
- 0.6mm holes in filter allow parasites to pass through but block larger fecal material
- · Package includes 100 preassembled concentrator tubes with strainers, fecal mucolytic agent, dispensing spoons, processing trays, and applicator sticks
- · Screws onto fecal transport vials for a closed system



Fecal Concentrator Kit



Fine Mesh Filter Funnel



Closed System Fecal Parasite Concentrator





# **Parasafe**

Parasafe Cat # 6030 24 vials plus (1) 6.5ml bottle of slide fixative/pkg

- Formalin-free fecal collection and transport with all the effectiveness of more toxic preparations
- Now 1 vial of Parasafe does the work of 2 vials of formalin plus PVA
- · Allows stool fixative for wet mounts and for permanent stains
- Reduces stool processing time to under one hour
- · Half the price of formalin plus PVA
- No mercury or formaldehyde so allows easier disposal per OSHA requirements
- · Long shelf life

Parasafe & Clean Vial Set	Cat # 6031	12 sets/pkg

Set includes 12 Parasafe vials; 12 empty vials

### Parasafe Slide Fixative Cat # 6032 6.5ml bottle/pkg

• Parasafe Slide Fixative assists in fixing parasites for staining

### **Pinworm Collector**

#### **Pinworm Collector**

Cat # 582-50 50 vials/pkg

- View collection paddle directly on your microscope by simply snapping off top of paddle
- See ova more precisely with this clearer and thinner polystyrene paddle
- Fewer artifacts because paddle has only one light adhesive side for pinworm collection



Parasafe vial showing spork



Pinworm Collector



# Stains

#### **AFB Stains**

AFB Kinyoun StainCat # 353-A(3) 250ml bottles/pkgAFB Kinyoun DecolorizerCat # 353-B(3) 250ml bottles/pkgAFB Kinyoun CounterstainCat # 353-C(3) 250ml bottles/pkg

- Acid-fast procedure to stain Mycobacterium, Nocardia and Cryptosporidium sp.
- Acid-alcohol decolorizer
- · Brilliant Green counterstain

Modified Auramine 0 Set - Small	Cat # 345-250	(1) 250ml stain;
		(1) 250ml decolorizer/pkg
Modified Auramine 0 Set - Medium	Cat # 345-04L	(4) 1 liter stain;
		(4) 1 liter decolorizer/pkg
Modified Auramine O Set - Large	Cat # 345-20L	(1) 20 liter stain;
_		(1) 20 liter decolorizer/pkg
. Elizarea contrata in for marca ha staria anno incomo		` '

- Fluorescent stain for mycobacteria specimens
- 2 step procedure takes 2 minutes eliminates permanganate and saves 30 to 45 min/test
- Scan quickly on lower power, then confirm
- See organisms easily with high-contrast fluorescence
- Reduce non-specific background fluorescence
- CE marked
- \* Studies by Johns Hopkins and Loyola Medical Center concluded more cost-effective and emcient for staining mycobacteria as published in Journal of Clinical Microbiology

# Acri-Fluor Stain Set Cat # 384 1 set/pkg (see below)

- Fluorescent stain for Acid Fast organisms in tissue and smears
- Procedure takes less than 20 minutes
- · Detects even single organisms
- Identify Cryptosporidia and Isospora in stool
- Identify Nocardia and Mycobacterium in sputum
- Cost effective, non-antibody technique -one kit will do hundreds of assays
- Set includes (1) 125ml bottle stain, (1) 125ml bottle decolorizer/pkg

# **Cryptosporidium Stains**

Cryptosporidium Stain Set - 60mlCat # 3731 set/pkg (see below)Cryptosporidium Stain Set - 250mlCat # 3791 set/pkg (see below)

- For staining Mycobacterium, Nocardia, and Cryptosporidium sp.
- Kinyoun stain (Carbol Fuchsin)
- Cryptosporidium decolorizer
- · Brilliant Green counterstain
- 60ml set includes (1) 60ml bottle stain, (1) 60ml bottle decolorizer, (1) 60ml bottle counterstain/pkg
- 250ml set includes (1) 250ml bottle stain, (1) 250ml bottle decolorizer, (1) 250ml bottle counterstain/pkg

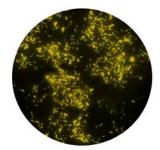
 $Banner\ photos\ L\ to\ R:\ Acri-Fluor\ stain\ w/Cyclospora\ sp.,\ Isospora\ sp.,\ Mycobacterium\ tuberculosis;\\ Modified\ Auromine\ O\ stain\ w/Mycobacterium\ tuberculosis,\ Cryptosporidium\ sp.,\ Mycobacterium\ tuberculosis,\ Cryptosporidium\ sp.$ 



Modified Auramine O Set



Modified Auramine O Dispenser bottle



Acid fast Bacillus with Acri-Fluor Stain



Cryptosporidium Stain Set - 60ml



# **India Ink Capsule Stain**

India Ink	Cat # 754	(6) 3.5ml bottles/pkg
India Ink Positive Control	Cat # 756	1ml vial/pkg
India Ink Negative Control	Cat # 757	(2) 1ml vial/pkg
India Ink Positive & Negative Control Set	Cat # 756-10	1ml vial Positive Control;
		1ml vial Negative Control/pkg

- Ready-to-prepare standardized, permanent, preserved controls for India Ink
- Positive control is Cryptococcus sp. and negative control is Candida albicans
- The Cryptococcus sp. Positive control is grown to visualize capsule production.
- · Each vial contains 1ml of fluid containing many organisms

### **Modified Trichrome Stain**

Modified Trichrome Stain Set Cat # 7843 1 set/pkg

- Affordable staining for microsporidia
- Can be used in conventional staining procedures or with Scientific Device Laboratory's StainQuick Microsporidia
- Set includes (1) 250ml bottle stain, (1) 250ml bottle decolorizer / counterstain/pkg

# **Mvco-Perm**

Myco-Perm BLUE	Cat # 753	12ml bottle/pkg
Myco-Perm BLUE Mycology Mounting Kit	Cat # 745-1	1 kit/pkg (see below)
Myco-Perm BLUE Mycology Starter Kit	Cat # 750	1 kit/pkg (see bleow)

- Keep accurate records by retaining mycology preparations indefinitely with this stain / fixative\*
- · Makes messy nail polish obsolete
- Tease mount preparations can be made and stored for long periods of time
- Contains plasticizers which help make a durable, long-life preparation
- Mounting Kit includes (1) 12ml bottle Myco-Perm BLUE; 1 Fungitape
- Starter Kit includes (1) 12ml bottle Myco-Perm BLUE; (6) 3.5ml 10% KOH dispenser bottles; 1 rack
- \* Perry et al., ASM poster 125:70, 1996

Myco-Perm RED	Cat # 752	12ml bottle/pkg
Myco-Perm RED Mycology Starter Kit	Cat # 750-9	1 kit/pkg (see below)

- Mounting Kit includes (1) 12ml bottle Myco-Perm RED; 1 Fungitape
- Starter Kit includes (1) 12ml bottle Myco-Perm RED; (6) 3.5ml 10% KOH dispenser bottles; 1 rack



India Ink Positive & Negative Control Set



Modified Trichrome Stain Set



Myco-Perm BLUE



Myco-Perm RED



# Stains & Reagents

# Snap n' Stain Iron

Snap n' Stain Iron	Cat # 661	50 dropper units/pkg
Snap n' Stain Iron Kit	Cat # 660-2	2 kits/pkg (see below)
Nuclear Fast Red Counterstain	Cat # 662	(1) 250ml bottle/pkg

- Safe and effective technique for staining iron in biological samples
- Inexpensive procedure which utilizes the Gomori Iron reaction method
- · Avoid the time and preparation of caustic, poisonous materials
- Each dropper unit contains two glass ampoules filled with reagent, which when broken and mixed, can stain up to four slides
- Kit includes 12 dropper units; (1) 15ml Nuclear Fast Red counterstain; 1 slide forceps; 1 organizer box
- Sturdy plastic box can be used as a humidity incubator for the slides
- Includes: (10) 75ml or (10) 150ml bottles containing NACL ampules + 5 phosphate TB buffer packets

Cat # 1951

Cat # 795

Cat # 782

**Fach** 

Each

250ml bottle/pkg

\* Scientific Device Laboratory also carries Iron Control Slides in boxes of 10 or 50 slides, page 7

# StainQuick Stains

#### StainQuick Microsporidia

- 1 minute stain
- Maintains a constant heated temperature of the stain, allowing stain to penetrate organisms more efficiently
- · Decolorizer/counterstain stains all background organisms for greater specificity
- Durable 60ml coplin jars and rack are made of microwavable polyethylene
- System runs on 7.5 volts and components are SA and UL approved
- · Kit includes stain, rack, jars, heater and decolorizer

#### StainQuick Trichrome

- 2 minute stain
- · Characteristic morphology of the protozoa is readily seen
- Non-mercury PVA smears
- Durable 60ml coplin jars and rack are made of microwavable polyethylene
- System runs on 7.5 volts and components are SA and UL approved
- · Kit includes stain, rack, jars, heater and decolorizer

#### **Trichrome Stain**

#### **Trichrome Stain**

- For staining fecal smears for protozoa
- · Affordable and convenient
- Packaged in 250ml easy-to-handle bottle
- Not for use with Scientific Device Laboratory's StainQuick System



Snap n' Stain Iron Kit



StainQuick Microsporidia



StainQuick Trichrome



Trichrome Stain



# Reagents

#### **NOTOXhisto**

NOTOXhisto 1 gal	Cat # 614-01	each
NOTOXhisto 5 gal	Cat # 614-05	each
NOTOXhisto 55 gal	Cat # 614-55	each

- Environmentally safe and formalin-free fixative
- Non-carcinogenic, non-noxious, non-corrosive, heavy metals and chloride ion free fixative
- Fix all sizes of specimens ranging from small sections to whole organs
- Supports immunohistochemical staining, in-situ hybridization, and PCR techniques
- No pre-mixing or dilution
- · Save time with no safety protocols
- Save money with NO DISPOSAL COSTS

### **Paraclear**

Paraclear	Cat # 615-1	1 gallon/pkg
Paraclear	Cat # 615-4	(4) 1 gallon/pkg
Paraclear	Cat # 615-5	(1) 5 gallon/pkg

- · Xylene-Free clearing agent
- Infiltrate paraffin, extract lipids, de-paraffinize and clear samples
- No overpowering odor (no D-limonene)
- No pre-mixing, dilution, or re-distillation
- · Save time with no safety protocols
- Save money with NO DISPOSAL COSTS

### **Parawash**

Parawash Cat # 6121 (6) 250ml bottles/pkg

- Environmentally safe, non-toxic alternative to ethyl acetate
- · Wash fluid for the fecal analysis of ova and parasites when using formalin
- Produces 2 to 3 times higher recovery rate than other washes\*
- · No odor
- · Less flammable
- NOT for use with Scientific Device Laboratory's Parasafe
- \*Matthews et. al., ASM Ses 43:48, 1996.



NOTOXhisto 5 gallon and 1 gallon size



Paraclear 1 gallon



Parawash 250ml



# Stains & Reagents

# Snap n' Digest

 Snap n' Digest 75ml
 Cat # 667
 (10) 75ml bottles/pkg

 Snap n' Digest 150ml
 Cat # 668
 (10) 150ml bottles/pkg

- · All-in-one sputum processing for mycobacterial specimens saves time and money
- Simple method: 1 bottle, pre-measured, ready-to-mix sputum decontamination / digestion system
- Compatible with multiple automated TB systems
- · No weighing components or wasted chemicals
- Each bottle contains an alkali solution with a sealed glass ampoule of preweighed N-acetyl-I-cysteine (NALC) enclosed in a safety tube. When ready to use, the glass ampoule breaks easily within the safety tube, mixing readily in solution
- The solution with unbroken ampoule is stable for one year without refrigeration

# **Sterile Phosphate Buffer**

Sterile Phosphate Buffer 100mlCat # 669-100(10) 100ml bottles/pkgSterile Phosphate Buffer 500mlCat # 669-500500ml bottle/pkg

- For washing sputum after digestion and decontamination
- Ready-to-use single bottle of sterilized buffer solution
- · Compatible with multiple automated TB systems
- · Save time and money no weighing, mixing or autoclave time
- Shelf life > 9 months

**Phosphate Buffer Dry**Cat # 6671 (5) 4.2g packets/pkg

• Pre-measured non-sterile powder packet

Our innovative stains and reagents are carefully formulated to provide clear, accurate results.



Snap n' Digest 75ml



Snap n' Digest 150ml



Sterile Phosphate Buffer 100ml





### **Control Slide**

**Pneumocystis Stain Control Slide** Cat # 356 10 slides/pkg

• For more information, see Stain Control Slides section, page 8

# **Fungi-Tape**

**Fungi-Tape** Cat # 745 1 roll/pkg

Adhesive tape for quickly creating slide mounts of fungi from primary cultures

- Pliable enough to make a loop and then take a sample from your culture
- Fully compatible with MycoPerm to create a long lasting coverslip
- Each roll contains enough tape for approximately 360 coverslips

# KOH Fungal Control Suspension, KOH 10%, Methylene Blue

**KOH Fungal Control Suspension** Cat # 6025-2 (2) 1 ml vial/pkg **KOH 10%** Cat # 751 (6) 3.5ml bottles/pkg **Methylene Blue** Cat # 772 (6) 3.5ml bottles/pkg

- KOH Fungal Control Suspension is an ideal control for skin scrapings
- KOH Fungal Control Suspension is filled with inactivated mycelia and spores of Aspergilius sp., along with cellular debris, for quick characterization of specimens
- KOH 10% (also known as potassium hydroxide preparation or KOH preparation) helps differentiate dermatophytes and Candida albicans symptoms from other skin disorders, such as psoriasis and eczema, with KOH testing for Candida albicans
- Methylene Blue is widely used as a dye and a fast, effective biological staining agent for early diagnosis of fungal keratitis

# **Mycology Teaching Slides**

Mix and match slides from this list to fill minimum of 10 slides per package. Priced per slide

, ,	
Cat # 675-01	each
Cat # 673-01	each
Cat # 675-07	each
Cat # 675-06	each
Cat # 675-07	each
Cat # 675-09	each
Cat # 675-13	each
Cat # 671-01	each
Cat # 671-02	each
Cat # 673-03	each
Cat # 675-16	each
Cat # 673-04	each
	Cat # 673-01 Cat # 675-07 Cat # 675-06 Cat # 675-07 Cat # 675-09 Cat # 675-13 Cat # 671-01 Cat # 671-02 Cat # 673-03 Cat # 675-16

\* continued on next page





Mycology Teaching Slide -Aspergillus flavus with Myco-Perm BLUE



Mycology Teaching Slide w/Fusarium oxysporum

Banner photos L to R: Rhizopus sp., Chaetomium sp., Fusarium sp., Nigrospora sp., Aspergillus versicolor, Alternaria sp.





# Mycology Teaching Slides continued

Curvularia sp.	Cat # 673-05	each
Epicoccum sp.	Cat # 673-07	each
Fusarium sp.	Cat # 675-18	each
Geotrichum candidum	Cat # 671-04	each
Hansenula sp.	Cat # 671-05	each
Microsporum canis	Cat # 674-03	each
Microsporum gypseum	Cat # 674-07	each
Nigrospora sp.	Cat # 673-10	each
Nocardia sp.	Cat # 670-03	each
Paecilomyces sp.	Cat # 675-19	each
Penicillium sp.	Cat # 675-20	each
Pithomyces sp.	Cat # 673-21	each
Rhizopus sp.	Cat # 672-06	each
Scopulariopsis sp.	Cat # 675-32	each
Scedosporium apiospermum	Cat # 673-15	each
Scedosporium prolificans	Cat # 673-16	each
Sepedonium sp.	Cat # 675-33	each
Syncephalastrum sp.	Cat # 672-09	each
Trichophyton ajelloi	Cat # 674-09	each
Trichophyton mentagrophytes	Cat # 674-13	each
Trichophyton rubrum	Cat # 674-14	each
Wangiella dermatitidis	Cat # 673-19	each



*Mycology Teaching Slide* w/Scedosporium prolificans

- Mix and match slides from this list to fill minimum of 10 slides per package. Priced per slide.
- Teach mycology from a slide, not from a screen
- Simulate the clinical experience of scanning for the correct morphology
- Create customized sets of teaching slides to match classroom needs
- Review rare species and build your library
- · Stained and mounted with MycoPerm BLUE
- \*All of our rare teaching materials are subject to availability

# Myco-Perm

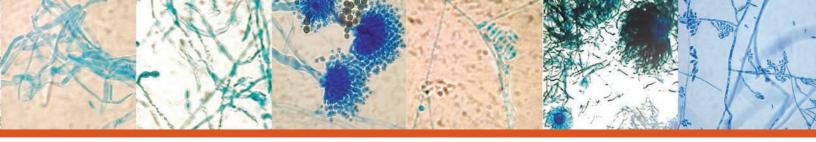
Myco-Perm BLUECat # 75312ml bottle/pkgMyco-Perm BLUE Mycology Mounting KitCat # 745-11 kit/pkg (see below)Myco-Perm BLUE Mycology Starter KitCat # 7501 kit/pkg (see bleow)

- Keep accurate records by retaining mycology preparations indefinitely with this stain / fixative\*
- · Makes messy nail polish obsolete
- Tease mount preparations can be made and stored for long periods of time
- Contains plasticizers which help make a durable, long-life preparation
- Mounting Kit includes (1) 12ml bottle Myco-Perm BLUE; 1 Fungitape
- Starter Kit includes (1) 12ml bottle Myco-Perm BLUE; (6) 3.5ml 10% KOH dispenser bottles; 1 rack
- \* Perry et al., ASM poster 125:70, 1996



Myco-Perm BLUE





# Myco-Perm continued

Myco-Perm REDCat # 75212ml bottle/pkgMyco-Perm RED Mycology Starter KitCat # 750-91 kit/pkg (see below)

- Mounting Kit includes (1) 12ml bottle Myco-Perm RED; 1 Fungitape
- Starter Kit includes (1) 12ml bottle Myco-Perm RED; (6) 3.5ml 10% KOH dispenser bottles; 1 rack

# **Shrink Seal**

 Shrink Seal 92 x 25mm
 Cat # 261
 400 seals/pkg

 Shrink Seal 92 x 25mm
 Cat # 261-CASE-4
 (4) 400 seals/pkg

- Perfectly seal Petri dishes fast and easy with a tight, smooth seal every time
- Slip moist band over Petri dish edge and will quickly dry and shrink to form seal
- · No wrapping of dish required
- · Pathogenic microorganisms are safely contained
- · Blocks evaporation during extended incubation of TB and fungus cultures
- Extends shelf-life of sensitive plates

# **Stacking Block**

Stacking Block Cat # 259 18 blocks/pkg

· Allows multiple plates to dry when you have limited bench space

# **Teaching Images USB**

#### **Mycology Teaching Images USB**

- Enhance your teaching library with clear images of 63 major fungi
- Use for lectures, training or any other type of presentations
- Powerpoint compatible
- · Images in jpg format
- · Resolution not intended for printing purposes

# **Rapid Trehalose (RAT) Test**

#### **Rapid Trehalose (RAT) Test**

- For the identification of Candida glabrata\*
- · Rapidly and affordably distinguish Candida glabrata from other yeasts
- · Each test slide contains four wells with substrate
- · Wells may be used at the same time or individually
- Read color reaction within 15 minutes to 2 hours
- 40 tests/package
- \*T. Scognamigilo, L.P. Kiss, D.H. Larone, ASM poster C-105:164, 2004

Myco-Perm RED



Shrink Seal 92 x 25mm



Mycology Teaching Images USB



Trehalose (RAT) Test

Banner photos L to R: Rhizopus sp., Chaetomium sp., Fusarium sp., Nigrospora sp., Aspergillus sp., Alternaria sp., Geotrichum sp., Chrysosporium sp., Aspergillus sp., Blastoschizomyces sp., Aspergillus sp., Fusarium sp.



Cat # 6790

Cat # 761

each

each



### **Control Slides**

Giemsa-Wright Stain Control Slide	Cat # 430	10/pkg
Cryptosporidium Stain Control Slide	Cat # 370	10 slides/pkg
Protozoa Stain Control Slide	Cat # 354	10/pkg
Protozoa Stain Control Slide	Cat # 355-25	25/pkg
• For more information, see Stain Control Slides section, pages 7 and 8		

# **Explosion Proof Stool Container**

#### **Explosion Proof Stool Container**

Cat # 581-200

200/pkg

Avoid gas build-up explosions with stool samples

- Open container slowly and safely with specially designed screw-on top
- · Reduce spillage with leak proof container
- Capacity of 250ml with wide 3.5" mouth

# **Helminth Ova & Larvae Suspension**

Ascaris lumbricoides Suspension	Cat # 522	1cc vial/pkg
Enterobius vermicularis Suspension	Cat # 510	1cc vial/pkg
Necator americanus Suspension	Cat # 515	1cc vial/pkg
Schistosoma japonicum Suspension	Cat # 520	1cc vial/pkg
Strongyloides Larvae Suspension	Cat # 512	1cc vial/pkg

- Teach from clinical samples
- · Utilizes simulated clinical control material of formalin-fixed feces suspension
- \*All of our rare teaching materials are subject to availability

# **Humidity/Slide Moisture Chambers**

Humidity/Slide Moisture Chamber - Clear	Cat # 197-CR	each
Humidity/Slide Moisture Chamber - Black	Cat # 197-BL	each

- · Cost effective desktop humidity chamber
- Ensure climate control with air-tight heavy-duty polystyrene construction stackable units
- · Maintain humid environments for immunostaining and diagnostic reactions performed on slides
- Organize work flow with 10 divided compartments with a lid barrier between each slide



Giemsa-Wright Stain Control Slide



Explosion Proof Stool Container



Helminth Ova & Larvae Suspension Strongyloides Larvae from Suspension



Humidity/Slide Moisture Chambers - Clear and Black

Banner photos L to R: Schistosoma sp., Trypanosoma gambiense, Giardia lamblia trophozoite, Trichuris trichiura, Wuchereria bancrofti, Necator americanus, Entamoeba histolytica, Taenia sp., Dirofilaria immitis, Hymenolepis nana, Strongyloides larvae, Diphyllobothrium latum





#### **Fecal Concentrators**

#### **Fecal Concentrator Kit**

Cat # 641 each

- All items needed to concentrate intestinal parasites from preserved fecal specimens
- Separate effectively uniform filter diameter of 0.6mm allows eggs, larvae, cysts, oocysts, and spores while stopping macroscopic debris
- Reduce processing time
- Kit contains (50) 15ml polypropylene centrifuge tubes; 50 standardized fine mesh filter funnels; 50 tube caps; (1) 15ml bottle mucolytic digesting agent

#### **Fine Mesh Filter Funnels**

Cat # 642

250 funnels/pkg

- · For use with Fecal Concentrator Kit
- · Standardized fine mesh filter funnel

# **Closed System Fecal Parasite Concentrators 15ml**

Cat # 6052 100/pkg

- · Safe and affordable
- Minimum of handling and odor for fecal specimen concentration
- 0.6mm holes in filter allow parasites to pass through but block larger fecal material
- Package includes 100 preassembled concentrator tubes with strainers, dispensing spoons, processing trays, and applicator sticks, and fecal mucolytic agent
- · Screws onto fecal transport vials for a closed system

Paraclear and Parawash - see page 15

Parasafe - see page 10

# **Parasitology Stained Slide**

#### **Cyclospora Stained Slide**

Cat # 4949 5/pkg

- Teach from clinical samples
- Utilizes simulated clinical control material with formalin-fixed feces suspension
- These stained slides are ideal for teaching not intended as a control slide
- \* All of our rare teaching materials are subject to availability
- \* Scientific Device Laboratory does not currently have a control slide for Cyclospora sp.

# **Petri Dish Desk Holders**

# Petri Dish Desk Holder Petri Dish Storage Turntable

Cat # 1814 each
Cat # 184 each

- Each of four sections holds 13 Petri dishes
- · Ideal for separation of cultures from different sources
- Store conveniently in the corner of an incubator
- · Made of durable and easy to care for acrylic



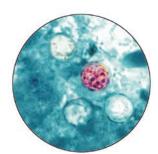
Fecal Concentrator Kit



Fine Mesh Filter Funnel



Closed System Fecal Parasite Concentrator



Parasitology Stained Slide Cyclospora





# **Pinworm Collector**

Pinworm Collector Cat # 582-50 50/pkg

- · Clear vial with paddle cap
- View collection paddle directly on your microscope by simply snapping off top of paddle
- See ova more precisely with this clearer and thinner polystyrene paddle

### **Protozoa Stained Slides**

Mix and match slides from this list for a minimum of 10 slides per package. Priced per slide.

Cat # 4923	each
Cat # 4945	each
Cat # 4912	each
Cat # 4909	each
Cat # 4907	each
Cat # 4918	each
Cat # 4931	each
Cat # 4953	each
	Cat # 4945 Cat # 4912 Cat # 4909 Cat # 4907 Cat # 4918 Cat # 4931

- · Excellent for reference and teaching
- PVA-prepared smears stained with Trichrome Stain
- \* All of our rare teaching materials are subject to availability

# **Protozoa Suspensions**

Blastocystis hominis Suspension	Cat # 458	1cc vial/pkg
Cryptosporidium sp. Suspension	Cat # 483	1cc vial/pkg
Entamoeba coli Suspension	Cat # 452	1cc vial/pkg
Endolimax nana Suspension	Cat # 453	1cc vial/pkg
Giardia lamblia Suspension	Cat # 455	1cc vial/pkg
lodamoeba sp. Suspension	Cat # 460	1cc vial/pkg
Mixed Protozoa Suspension	Cat # 490	1cc vial/pkg

- · Rare teaching materials
- · Excellent laboratory parasitology control
- Utilizes simulated clinical control material with formalin-fixed suspensions of common protozoa
- \*All of our rare teaching materials are subject to availability



Pinworm Collector



Protozoa Suspension w/Endolimax nana



Mixed Protozoa Suspension





### **Protozoa Unstained Slides**

Chilomastix mesnili PVA Unstained Slide	Cat # 476	5 slides/pkg
Entamoeba hartmanni PVA Unstained Slide	Cat # 471	5 slides/pkg
Entamoeba coli PVA Unstained Slide	Cat # 472	5 slides/pkg
Entamoeba nana PVA Unstained Slide	Cat # 473	5 slides/pkg
Giardia lamblia PVA Unstained Slide	Cat # 475	5 slides/pkg
lodamoeba sp. PVA Unstained Slide	Cat # 461	5 slides/pkg

- Excellent control slide
- PVA unstained slide of the more commonly seen protozoa
- \*All of our rare teaching materials are subject to availability

Protozoa Unstained Slide w/Entamoeba hartmanni

### **Stained Tissue & Blood Parasite Slides**

Acanthamoeba castellanii Slide	Cat # 8969	5 slides/pkg
Anaplasma phagocytophilum Slide (blood)	Cat # 4939	5 slides/pkg
Babesia sp. Slide	Cat # 4936	5 slides/pkg
Dirofilaria immitis Slide	Cat # 469	5 slides/pkg
Echinococcus hydatid Slide (sand)	Cat # 563	5 slides/pkg
Leishmania donovani Slide	Cat # 552	5 slides/pkg
Leishmania sp. Slide (blood or ascites fluid)	Cat # 552-4	5 slides/pkg
Mycobacterium tuberculosis Slide	Cat # 8905	5 slides/pkg
Naegleria fowleri Slide	Cat # 8970	5 slides/pkg
Plasmodium falciparum Slide (blood)	Cat # 493	5 slides/pkg
Trichinella spiralis Slide (muscle)	Cat # 550	5 slides/pkg
Trypanosoma cruzi Slide	Cat # 495	5 slides/pkg
Trypanosoma lewisi Slide (Giemsa)	Cat # 487	5 slides/pkg
Trypanosoma cruzi Slide (ascites fluid)	Cat # 495-3	5 slides/pkg
Trypanasoma cruzi Slide (heart)	Cat # 562	5 slides/pkg

- Teach from actual clinical samples
- · Each smear or section contains numerous microorganisms
- All slides are pre-stained and ready-to-view
- \*All of our rare teaching materials are subject to availability



Leishmania sp. Stained Slood Smear

Leishmania sp. Stained Slood Smear

# **Teaching Images USB**

#### **Parasitology Teaching Images USB**

- Enhance your teaching library
- Integrate clear images of 68 major parasites or 63 major fungi
- Use for lectures, training or any other type of presentations
- · Powerpoint compatible images in jpg format
- Resolution not intended for printing purposes



Parasitology Teaching Images USB



Cat # 7137

each

# Tuberculosis (TB)

#### **Acid Fast Stain Control Slide**

Acid Fast Stain Control Slide	Cat #350	10 slides/pkg
Acid Fast Stain Control Slide	Cat #351	50 slides/pkg

- · Simulates clinical sputum smear with appropriate background material in both positive and negative wells
- Scan quickly with high organism counts on both positive and negative wells
- Satisfy regulatory requirements with Kinyoun, Modified Auramine O, or other non-fluorescent stains
- · Eliminate the need to maintain your own cultures
- · Cost effective compared to alternative brands



Acid Fast Stain Control Slide

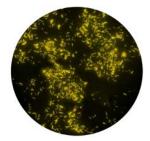
# **AFB Stain**

### Acri-Fluor Stain Set Cat # 384 each

- Fluorescent stain for Acid Fast organisms in tissue and smears
- Procedure takes less than 20 minutes
- · Detects even single organisms
- Identify Cryptosporidium or Isospora in stool and Nocardia or Mycobacterium in sputum
- · One kit will do hundreds of assays for a cost effective, non-antibody technique
- Set includes (1) 125ml bottle stain; (1) 125ml bottle decolorizer

AFB Kinyoun Stain	Cat # 353-A	(3) 250ml bottles/pkg
AFB Kinyoun Decolorizer	Cat # 353-B	(3) 250ml bottles/pkg
AFB Kinyoun Counterstain	Cat # 353-C	(3) 250ml bottles/pkg

- Acid-fast procedure to stain Mycobacterium, Nocardia and Cryptosporidium sp.
- · Acid-alcohol decolorizer
- Brilliant Green counterstain



Acid fast bacillus with Acri-Fluor Stain

#### Modified Auramine O Stain

Modified Auramine O Set - Small Cat # 345-250 (1) 250ml stain;

(1) 250ml decolorizer/pkg

Modified Auramine O Set - Medium Cat # 345-04L (4) 1 liter stain;

(4) 1 liter decolorizer/pkg

**Modified Auramine 0 Set - Large**Cat # 345-20L (1) 20 liter stain:

(1) 20 liter decolorizer/pkg

- Fluorescent stain for Mycobacteria specimens
- 2 step procedure takes 2 minutes eliminates permanganate and saves 30 to 45 min/test
- Scan quickly on lower power, then confirm
- · See organisms easily with high-contrast fluorescence
- Reduce non-specific background fluorescence
- CE marked
- \* Studies by Johns Hopkins and Loyola Medical Center concluded more cost-effective and efficient for staining mycobacteria as published in Journal of Clinical Microbiology



Modified Auramine O Set



Modified Auramine O Dispenser bottle



#### **Printed TB Slide**

**Printed TB Slide** Cat # 041-0120 144/pkg

- · Locate smears easily and quickly and train new technicians to locate hard-to-find organisms
- · Increases contrast for fluorescent staining with black epoxy background mask
- 1"x 3" x 1mm thick frosted end (1) 20mm well

# Snap n' Digest

Snap n' Digest 75mlCat # 667(10) 75ml bottles/pkgSnap n' Digest 150mlCat # 668(10) 150ml bottles/pkg

- For processing mycobacterial specimens with no weighing or waste
- Simple method: 1 bottle, pre-measured, ready-to-mix sputum decontamination / digestion system
- Compatible with multiple automated TB systems
- Each bottle contains an alkali solution with a sealed glass ampoule of preweighed N-acetyl-I-cysteine (NALC) enclosed in a safety tube. When ready to use, the glass ampoule breaks easily within the safety tube, mixing readily in solution.
- The solution with unbroken ampoule is stable for one year without refrigeration
- Includes: (10) 75ml or (10) 150ml bottles containing NACL ampules + 5 phosphate TB buffer packets

# **Sterile Phosphate Buffer**

Sterile Phosphate Buffer 100mlCat # 669-100(10) 100ml bottles/pkgSterile Phosphate Buffer 500mlCat # 669-500500ml bottle/pkg

- For washing sputum after digestion and decontamination
- Ready-to-use single bottle of sterilized buffer solution
- Compatible with multiple automated TB systems
- · Save time and money no weighing, mixing or autoclave time
- Shelf life > 9 months

**Phosphate Buffer Dry** Cat # 6671 (5) 4.2g packets/pkg

• Pre-measured non-sterile powder packet



Printed TB Slide



Snap n' Digest 75ml



Sterile Phosphate Buffer 100ml



# In The Classroom

# **TB Splash Proof Container**

TB Splash Proof Container Set 500ml	Cat #251	each
TB Splash Proof Container Set 1000ml	Cat #252	each
TB Splash Proof Container Set 1000ml - No Rack	Cat #252-997	each
Funnel & Stopper Replacement Set	Cat #252-999	each

- Containers are made per CDC recommendations, discard contaminated liquid waste safely
- Container and funnel assembly is autoclavable and reusable
- 500ml set includes: (2) 500ml containers, 2 funnels, 1 tip proof acrylic rack 8.5"H x 3.5"D
- 1000ml set includes: (2) 1000ml containers, 2 funnels, 1 tip proof acrylic rack 11.5"H x 4"D
- No rack set includes: (2) 1000ml containers, 2 funnels
- Stopper replacement set includes: 4 funnels and stoppers



Splash Proof Container Set 500ml

# **Mycology Teaching Slides**

Mix and match slides from this list to fill minimum of 10 slides per package. Priced per slide.

Alternaria sp.         Cat # 673-01         each           Aspergillus sp.         Cat # 75-07         each           Aspergillus flavus         Cat # 675-06         each           Aspergillus fumigatis         Cat # 675-07         each           Aspergillus niger         Cat # 675-09         each           Aspergillus terreus         Cat # 675-13         each           Blastoschizomyces capitatus         Cat # 671-01         each           Candida albicans         Cat # 671-02         each           Chaetomium sp.         Cat # 673-03         each           Chrysosporium sp.         Cat # 675-16         each           Cladosporium sp.         Cat # 673-04         each           Curvularia sp.         Cat # 673-05         each           Epicoccum sp.         Cat # 673-05         each           Epicoccum sp.         Cat # 675-18         each           Epicocum sp.         Cat # 675-18         each           Epicocum sp.         Cat # 671-04         each           Epicocum sp.         Cat # 671-04         each           Geotrichum candidum         Cat # 671-05         each           Hansenula sp.         Cat # 674-03         each           Microsporum gypseum	Acremonium sp.	Cat # 675-01	each
Aspergillus flavus         Cat # 675-06         each           Aspergillus fumigatis         Cat # 675-07         each           Aspergillus niger         Cat # 675-09         each           Aspergillus terreus         Cat # 675-13         each           Blastoschizomyces capitatus         Cat # 671-01         each           Candida albicans         Cat # 671-02         each           Chaetomium sp.         Cat # 675-16         each           Chrysosporium sp.         Cat # 675-16         each           Cladosporium sp.         Cat # 673-04         each           Curvularia sp.         Cat # 673-05         each           Epicoccum sp.         Cat # 673-07         each           Epicoccum sp.         Cat # 675-18         each           Epicoccum sp.         Cat # 675-18         each           Geotrichum candidum         Cat # 675-18         each           Hansenula sp.         Cat # 671-05         each           Microsporum gypseum         Cat # 674-03         each           Nigrospora sp.         Cat # 673-10         each           Nocardia sp.         Cat # 675-19         each           Penicillium sp.         Cat # 675-20         each           Penicillium sp.	Alternaria sp.	Cat # 673-01	each
Aspergillus fumigatis         Cat # 675-07         each           Aspergillus niger         Cat # 675-09         each           Aspergillus terreus         Cat # 675-13         each           Blastoschizomyces capitatus         Cat # 671-01         each           Candida albicans         Cat # 671-02         each           Chaetomium sp.         Cat # 673-03         each           Chrysosporium sp.         Cat # 675-16         each           Cladosporium sp.         Cat # 673-04         each           Curvularia sp.         Cat # 673-05         each           Epicoccum sp.         Cat # 673-07         each           Fusarium sp.         Cat # 675-18         each           Geotrichum candidum         Cat # 671-04         each           Hansenula sp.         Cat # 671-05         each           Microsporum gypseum         Cat # 674-03         each           Nocardia sp.         Cat # 673-10         each           Nocardia sp.         Cat # 670-03         each           Paecilomyces sp.         Cat # 675-20         each           Penicillium sp.         Cat # 673-21         each           Rhizopus sp.         Cat # 672-06         each	Aspergillus sp.	Cat # 75-07	each
Aspergillus niger         Cat # 675-09         each           Aspergillus terreus         Cat # 675-13         each           Blastoschizomyces capitatus         Cat # 671-01         each           Candida albicans         Cat # 671-02         each           Chaetomium sp.         Cat # 673-03         each           Chrysosporium sp.         Cat # 675-16         each           Cladosporium sp.         Cat # 673-04         each           Curvularia sp.         Cat # 673-05         each           Epicoccum sp.         Cat # 673-07         each           Fusarium sp.         Cat # 675-18         each           Geotrichum candidum         Cat # 671-04         each           Hansenula sp.         Cat # 671-05         each           Microsporum canis         Cat # 674-03         each           Nigrospora sp.         Cat # 673-10         each           Nocardia sp.         Cat # 670-03         each           Paecilomyces sp.         Cat # 675-20         each           Penicillium sp.         Cat # 673-21         each           Rhizopus sp.         Cat # 672-06         each	Aspergillus flavus	Cat # 675-06	each
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Pithomyces sp.         Cat # 673-21         each           Rhizopus sp.         Cat # 672-06         each	Paecilomyces sp.	Cat # 675-19	each
Rhizopus sp. Cat # 672-06 each	Penicillium sp.	Cat # 675-20	each
, .	Pithomyces sp.	Cat # 673-21	each
Scedosporium apiospermum Cat # 673-15 each	Rhizopus sp.		each
	Scedosporium apiospermum	Cat # 673-15	each
Scedosporium prolificans Cat # 673-16 each	Scedosporium prolificans	Cat # 673-16	each

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Mycology Teaching Slide w/Aspergillus flavus w/Myco-Perm BLUE stain.



*Mycology Teaching Slide* w/Fusarium oxysporum



*Mycology Teaching Slide* w/Scedosporium prolificans



\* continued on next page



Cat # 4949

5/pkg

# **Mycology Teaching Slides continued**

Scopulariopsis sp.	Cat # 675-32	each
Sepedonium sp.	Cat # 675-33	each
Syncephalastrum sp.	Cat # 672-09	each
Trichophyton ajelloi	Cat # 674-09	each
Trichophyton mentagrophytes	Cat # 674-13	each
Trichophyton rubrum	Cat # 674-14	each
Wangiella dermatitidis	Cat # 673-19	each



- Teach from a slide, not from a screen and simulate clinical scanning for the correct morphology
- · Create customized sets of teaching slides to match classroom needs
- Stained and mounted with Myco-Perm BLUE
- \* All of our rare teaching materials are subject to availability

# **Helminth Ova & Larvae Suspension**

Ascaris lumbricoides Suspension	Cat # 522	1cc vial/pkg
Enterobius vermicularis Suspension	Cat # 510	1cc vial/pkg
Necator americanus Suspension	Cat # 515	1cc vial/pkg
Schistosoma japonicum Suspension	Cat # 520	1cc vial/pkg
Strongyloides larvae Suspension	Cat # 512	1cc vial/pkg

· Contains formalin-fixed feces suspension

# **Cyclospora Stained Slide**

# Cyclospora Stained Slide

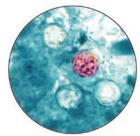
- Teach from clinical samples
- Utilizes simulated clinical control material with formalin-fixed feces suspension
- These stained slides are ideal for teaching. Not intended as a control slide.
- \* All of our rare teaching materials are subject to availability
- \* Scientific Device Laboratory does not currently have a control slide for Cyclospora sp.



*Mycology Teaching Slide* w/Trichophyton rubrum



Helminth Ova & Larvae Suspension Strongyloides Larvae from Suspension



Cyclospora Stained Slide



# In The Classroom

# **Protozoa Stained Slides**

Chilomastix mesnili	Cat # 4923	each
Cryptosporidium sp.	Cat # 4945	each
Endolimax nana	Cat # 4912	each
Entamoeba coli	Cat # 4909	each
Entamoeba hartmanni	Cat # 4907	each
Giardia lamblia	Cat # 4918	each
lodamoeba sp.	Cat # 4931	each
Microsporidium sp.	Cat # 4953	each

- Mix and match slides from this list to fill minimum of 10 slides per package. Priced per slide.
- · Excellent for reference and teaching
- PVA-prepared smears stained with Trichrome Stain
- \*All of our rare teaching materials are subject to availability

#### **Protozoa Unstained Slides**

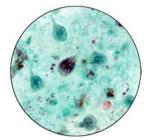
Chilomastix mesnili PVA Unstained Slide	Cat # 476	5 slides/pkg
Entamoeba hartmanni PVA Unstained Slide	Cat # 471	5 slides/pkg
Entamoeba coli PVA Unstained Slide	Cat # 472	5 slides/pkg
Entamoeba nana PVA Unstained Slide	Cat # 473	5 slides/pkg
Giardia lamblia PVA Unstained Slide	Cat # 475	5 slides/pkg
lodamoeba sp. PVA Unstained Slide	Cat # 461	5 slides/pkg

- · Excellent control slide
- PVA unstained slide of the more commonly seen protozoa
- \*All of our rare teaching materials are subject to availability

# **Protozoa Suspensions**

Blastocystis hominis Suspension	Cat # 458	1cc vial/pkg
Cryptosporidium sp. Suspension	Cat # 483	1cc vial/pkg
Entamoeba coli Suspension	Cat # 452	1cc vial/pkg
Endolimax nana Suspension	Cat # 453	1cc vial/pkg
Giardia lamblia Suspension	Cat # 455	1cc vial/pkg
lodamoeba sp. Suspension	Cat # 460	1cc vial/pkg
Mixed Protozoa Suspension	Cat # 490	1cc vial/pkg

- · Rare teaching material
- · Excellent laboratory parasitology control
- · Utilizes simulated clinical control material
- Formalin-fixed suspensions of common protozoa
- \*All of our rare teaching materials are subject to availability



Protozoa Stained Slide w/Giardia lamblia



Protozoa Unstained Slide w/Entamoeba hartmanni



Endolimax nana Protozoa Suspension



Mixed Protozoa Suspension





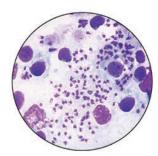
# **Stained Tissue & Blood Parasite Slides**

Acanthamoeba castellanii	Cat #8969	5 slides/pkg
Anaplasma phagocytophilum (blood)	Cat #4939	5 slides/pkg
Babesia sp.	Cat # 4936	5 slides/pkg
Dirofilaria immitis	Cat # 469	5 slides/pkg
Echinococcus hydatid (sand)	Cat # 563	5 slides/pkg
Leishmania donovani	Cat # 552	5 slides/pkg
Leishmania sp. (blood or ascites fluid)	Cat # 552-4	5 slides/pkg
Mycobacterium tuberculosis	Cat # 8905	5 slides/pkg
Naegleria fowleri	Cat # 8970	5 slides/pkg
Plasmodium falciparum (blood)	Cat # 493	5 slides/pkg
Trichinella spiralis (muscle)	Cat # 550	5 slides/pkg
Trypanosoma cruzi	Cat # 495	5 slides/pkg
Trypanosoma cruzi (ascites fluid)	Cat # 495-3	5 slides/pkg
Trypanasoma cruzi (heart )	Cat # 562	5 slides/pkg
Trypanosoma lewisi (Giemsa)	Cat # 487	5 slides/pkg

- Teach from actual clinical samples
- Each smear or section contains numerous microorganisms
- All slides are pre-stained and ready-to-view
- \* All of our rare teaching materials are subject to availability



Leishmania sp. Stained Tissue Slide



Leishmania sp. Stained Blood Smear

# **Teaching Images USB**

# Parasitology Teaching Images USB Mycology Teaching Images USB

- Enhance your teaching library
- Integrate clear images of 68 major parasites or 63 major fungi
- Use for lectures, training or any other type of presentations
- Powerpoint compatible
- · Images in jpg format
- Not intended for printing purposes

Cat # 7137 each
Cat # 790 each



Teaching Images USB



# Bench Aids

# Aqua-Hold 2 Pap Pen

#### Aqua-Hold 2 Pap Pen

Cat # 9804-02 each

- Draw hydrophobic wells on slides to prevent waste of reagents and specimens
- Once dry, the barrier is insoluble in alcohol or acetone
- Barrier washes off within 30 seconds with xylene or xylene substitutes
- Each pen holds 13ml of liquid and can make hundreds of easy to see red tinted wells



Aqua-Hold 2 Pap Pen

#### **BioHazard Placemat**

#### **BioHazard Placemat**

Cat # 9812

100/pkg

- Secure a safe workspace quickly and easily
- Disposable, impermeable plastic coated fiber material

# **Biopsy Sponge**

#### **Biopsy Sponge**

Cat # 9801

1,000/pkg

- · Sterile foam sponge material
- · Mount specimens easier
- · Fits into most cassettes
- 1" x 1.25" x 1/8" thick

# **CryoCare Bead Storage System**

CryoCare Beads - Blue Color	Cat # 110-02	20-25 beads/vial; 50 vials/pkg
CryoCare Beads - Green Color	Cat # 110-04	20-25 beads/vial; 50 vials/pkg
CryoCare Beads - Red Color	Cat # 110-01	20-25 beads/vial; 50 vials/pkg
CryoCare Beads - White Color	Cat # 110-05	20-25 beads/vial; 50 vials/pkg
CryoCare Beads - Yellow Color	Cat # 110-03	20-25 beads/vial; 50 vials/pkg
CryoCare Beads - Mixed Color	Cat # 110-06	20-25 beads/vial; 50 vials/pkg

- Store bacteria, fungi, yeasts, QC cultures or culture collections up to 10 years at -70°C; 1-3 years at -10°C
- Save money by stretching each culture into 15 or more cultures while meeting NCCLS standards
- Can even store fastidious organisms such as *Campylobacter*, *Neisseria*, *Haemophilus*, and Gram negative anaerobes
- · Each vial contains ceramic beads in a broth base
- To use, heavily inoculate the bead from a fresh, pure culture then freeze. When needed, use a single bead to yield a pure culture of active organism.





CryoCare Bead Storage System





# **Explosion Proof Stool Container**

#### **Explosion Proof Stool Container**

- Avoid gas build-up explosions with stool samples
- · Open container slowly and safely with specially designed screw-on top
- · Reduce spillage with leak proof container
- Capacity 250ml/container with wide 3.5" mouth

# **Fecal Concentrators**

#### **Fecal Concentrator Kit**

Cat # 641 each

Cat # 581-200

- All items need to concentrate intestinal parasites from preserved fecal specimens
- Separate effectively uniform filter diameter of 0.6mm allows eggs, larvae, cysts, oocysts, and spores while stopping macroscopic debris
- Reduce processing time
- Kit contains (50) 15ml polypropylene centrifuge tubes; 50 standardized fine mesh filter funnels;
   50 tube caps; (1) 15ml bottle mucolytic digesting agent

#### **Fine Mesh Filter Funnels**

Cat # 643

250/pkg

- · For use with Fecal Concentrator Kit
- Standardized fine mesh filter funnel

#### **Mucolytic Digesting Agent**

Cat # 644

15ml bottle/pkg

200 containers/pkg

- For use with Fecal Concentrator Kit
- 15ml bottle

# **Closed System Fecal Parasite Concentrators 15ml**

Cat # 6052 100/pkg

- · Safe and affordable
- Minimum of handling and odor for fecal specimen concentration
- 0.6mm holes in filter allow parasites to pass through but block larger fecal material
- Package includes 100 preassembled concentrator tubes with strainers, dispensing spoons, processing trays, and applicator sticks, and fecal mucolytic agent
- · Screws onto fecal transport vials for a closed system

# **Fungi-Tape**

**Fungi-Tape** Cat # 745 1 roll/pkg

- Adhesive tape for quickly creating slide mounts of fungi from primary cultures
- Pliable enough to make a loop and then take a sample from your culture
- Fully compatible with MycoPerm to create a long lasting coverslip
- Each roll contains enough tape for approximately 360 coverslips



Explosion Proof Stool Container



Fecal Concentrator Kit



Fine Mesh Filter Funnel



Closed System Fecal Parasite
Concentrator





# Bench Aids

# **Humidity/Slide Moisture Chambers**

Humidity/Slide Moisture Chamber - Clear	Cat # 197-CR	each
Humidity/Slide Moisture Chamber - Black	Cat # 197-BL	each

- · Cost effective desktop humidity chamber
- Maintain humid environments for immunostaining and diagnostic reactions performed on slides
- Organize work flow with 10 divided compartments with a lid barrier between each slide
- Ensure climate control with air-tight heavy-duty polystyrene construction

# · Units are stackable · Available in clear or black

#### **ID Discs**

Butyrate ID Disc	Cat # 398-9131	50 discs/pkg
Gram Reaction ID Disc	Cat # 398-0915	30 discs/pkg
LAP ID Disc	Cat # 398-1378	50 discs/pkg
Oxidase ID Disc	Cat # 398-0520	50 discs/pkg
PYR ID Disc	Cat # 398-1538	50 discs/pkg

- · For the identification and confirmation of microorganisms
- Dependable, easy-to-read results
- Easy-to-use
- · Based on rapid screening methods
- · Reaction time of less than 30 minutes

Alpha-Arabinose Weetab	Cat # 398-1043	28 tablets/pkg
Alpha-Fucosidase Weetab	Cat # 398-1235	31 tablets/pkg
BGLU/PYR Weetab	Cat # 398-1135	30 tablets/pkg

- · Weetabs are for the identification and confirmation of microorganisms
- Tablets in a 10mm x 75mm tube that react with 0.5ml of water and innoculum
- · Dependable, easy-to-read results
- Easy-to-use
- Based on rapid screening methods
- · Reaction time of less than 30 minutes

#### McFarland Standards

McFarland Standards Set	Cat # 2350	1 each of 5 levels/pkg
McFarland Standards 0.5	Cat # 2300	each/minimum order 10

- · Adjust the turbidity of bacterial suspensions so the number of bacteria will be within a specific range by referencing the McFarland Standards: 0.5,1, 2, 3, 4
- · Visually compare a suspension of bacteria in sterile saline or nutrient broth to the McFarland Standard recommended. If the bacterial suspension is too turbid, it can be diluted with diluent. If the suspension is not turbid enough, more bacteria can be added.
- Each tube contains approximately 12ml of suspension
- Each particle is the size of Escherichia coli
- 18 month extended shelf life



Humidity/Slide Moisture Chambers - Clear and Black





McFarland Standards Set





# Mini-Grip-It

Mini-Grip-it Cat # 746 each

- · Makes quick work of placing coverslips and other small items
- · Easily chemically sanitize tips
- Comes with 3 sizes of suction cups

Mini-Grip-it Replacement Suction Cups	Cat # 746-999	each
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• 1 each of small, medium, large suction cups

#### **Petri Dish Desk Holders**

Petri Dish Desk Holder - 4 SectionCat # 1814eachPetri Dish Desk Holder - 7 SectionCat # 181eachPetri Dish Storage Turntable - 4 SectionCat # 184each

- · Each of the sections holds 13 Petri dishes
- · Ideal for separation of cultures from different sources
- · Durable acrylic rack fits conveniently in the corner of an incubator

# **Shrink Seal**

 Shrink Seal
 92 X 25mm
 Cat # 261
 400 seals/pkg

 Shrink Seal
 92 X 25mm
 Cat # 261-CASE-4
 (4) 400 seals/pkg

- · Perfectly seal Petri dishes fast and easily
- · Slip moist band over Petri dish edge and it will quickly dry and shrink to form seal
- · No wrapping of dish required
- Tight, smooth seal every time
- · No gaps or ripping
- · Pathogenic microorganisms are safely contained
- Blocks evaporation during extended incubation of TB and fungal cultures
- · Extends shelf-life of sensitive plates
- Stacking Blocks allow for multiple plates to dry when you have limited bench space

### Stacking Block

Stacking Block Cat # 259 18 blocks/pkg

· Allows multiple plates to dry when you have limited bench space

#### **Teflon Bench Laminate**

Super Hydrophobic Laminate Cat # 220

- Protect your work surfaces from stains, corrosive acids and other chemicals
- · Clean bench top with the wipe of a cloth
- Place items up to 200°F on the Teflon Bench Laminate without surface damage







Shrink Seal 92 x 25mm



each

# Sterile & Non-sterile Tools

# **Sterile Forceps**

Forceps Stainless Steel SterileCat # 900-5050 forceps/pkgForceps Stainless Steel SterileCat # 900-100100 forceps/pkgForceps Stainless Steel NON-SterileCat # 900-NS100 forceps/pkg

- Maximize time with cost-effective pre-sterilized instruments
- · Rounded, grooved tip enhances ability to pick up and hold small objects
- Reduce exposure to infectious disease with disposable instruments
- · Grip samples solidly with grooved tips
- Sturdy 4.5" long stainless steel
- Individually wrapped sterile packets or non-sterile options available

# **Sterile Fine-tip Forceps**

Fine-tip Forceps SterileCat # 9005-S100 forceps/pkgFine-tip Forceps NON-SterileCat # 9005-5050 forceps/pkgFine-tip Forceps NON-SterileCat # 9005-100100 forceps/pkg

- Maximize time with cost-effective pre-sterilized instruments
- · Enhances ability to pick up and hold small slippery objects
- Reduce exposure to infectious disease with disposable instruments
- · Grip samples solidly with grooved tips
- · Sturdy 4" long black plastic
- Individually wrapped sterile packets or non-sterile options available

#### Wishbone Forceps

#### **Wishbone Forceps NON-Sterile**

Cat # 904-NS-100 100/pkg

Cat # 906

- · Flexible grip and blunt-tip ends
- Sturdy 4" long stainless steel
- · Available only non-sterile

#### Sterile Instrument Set

Sterile Instrument Set Cat # 903 12 sets/pkg

Set contains: 1 forceps stainless steel 11mm; 1 scalpel with rigid plastic holder and #11 blade;
 1 scissor stainless steel pointed

#### Sterile Instrument Set w/

**Sterile Dissecting Board** 

Set contains: 1 forceps fine-tip; 1 scalpel holder rigid plastic with #11;

1 scissor stainless steel pointed; 1 dissecting board sterile disposable

Sterile Instrument Set w/ Cat # 908 10 sets/pkg

Sterile Dissecting Board, w/out Scissors











10 sets/pkg



# **Sterile Dissecting Board**

Sterile Dissecting Board Cat # 905 20/pkg

- Disposable
- · Individually wrapped autoclaved

# **Sterile Microscope Slides**

Sterile Microscope Slide Frosted End	Cat # 050-S-100	100/pkg
Sterile Microscope Slide White End	Cat # 050-1S-100	100/pkg
Sterile Microscope Slide Yellow End	Cat # 050-2S-100	100/pkg

· In individual envelope - autoclaved

# **Sterile Scalpel**

Sterile Scalpel Cat # 9003 100/pkg

- #11 blade
- Sturdy green plastic handle
- · Individually wrapped
- Disposable





Sterile Dissecting Board



Sterile Microscope Slides







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