



ScyTek  
LABORATORIES | I N C .

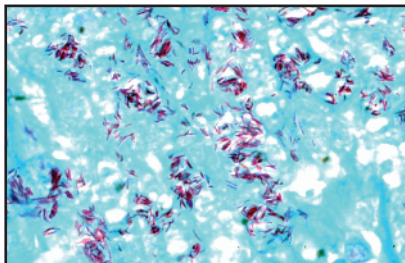
# Special Stain Catalog

## Acid Fast Bacteria (AFB) Stain Kit

### Kit Contents

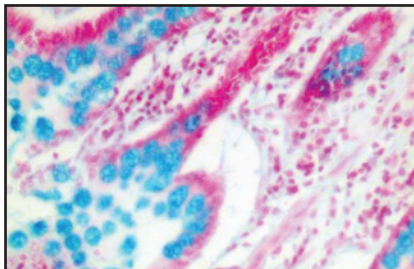
Carbol Fuchsin Solution  
 Acid Alcohol Solution (0.5%)  
 Light Green Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
FAB-1	400 Slide
FAB-2	100 Slide



The Acid Fast Bacteria (AFB) Stain Kit is intended for use in the histology visualization of Acid Fast Bacteria and Tubercle Bacilli. The kit is a rapid 15-minute procedure. The lipid capsule of the acid-fast organism takes up carbol fuchsin and resists decolorization. The acid fast organisms will stain bright red to purple while the background will stain light green. Each individual component of the Acid Fast Bacteria Kit is also available to be purchased in bulk.

## Alcian Blue (pH 1.0) Stain Kit



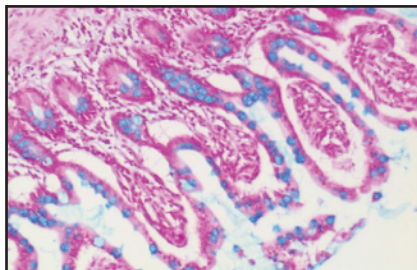
### Kit Contents

Alcian Blue, pH 1.0  
 Safranin O Solution  
 Acetic Acid Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
AFT-1	800 Slide
AFT-2	100 Slide

The Alcian Blue (pH 1.0) Stain Kit is intended for use in the histological visualization of strongly sulfated mucosubstances. The strongly sulfated mucosubstances will stain blue. The nuclei will stain red and the background will be pink. Each individual component of the Alcian Blue Stain Kit is also available to be purchased in bulk.

## Alcian Blue (pH 2.5) Stain Kit



### Kit Contents

Alcian Blue, pH 2.5  
 Safranin O Solution  
 Acetic Acid Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
AFR-1	800 Slide
AFR-2	100 Slide

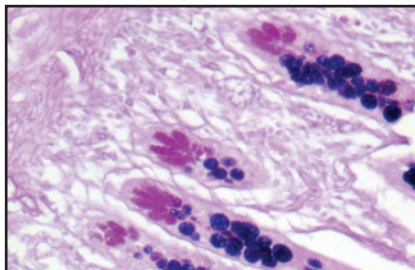
The Alcian Blue (pH 2.5) Stain Kit is intended for use in the histological visualization of sulfated and carboxylated acid mucopolysaccharides and sulfated and carboxylated sialomucins (glycoproteins). The acidic sulfated mucosubstances, hyaluronic acid, and sialomucins will all stain blue. The nuclei will stain red while the background will be pink. Each individual component of the Alcian Blue Stain Kit may also be purchased in bulk.

## Alcian Blue - PAS Stain Kit

### Kit Contents

Alcian Blue Solution  
 Periodic Acid Solution  
 Schiff's Solution  
 Sulfuric Acid Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
APS-1	800 Slide
APS-2	100 Slide



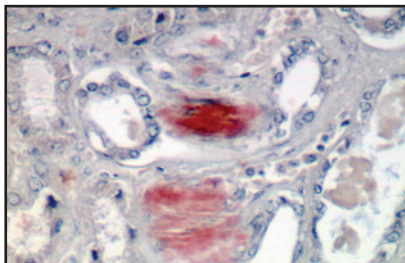
The Alcian Blue - PAS Stain kit is intended for use in the simultaneous histological visualization of sulfated and carboxylated acid mucopolysaccharides, sulfated and carboxylated sialomucins (glycoproteins) and neutral mucins. The acidic mucins will stain blue and purple and the neutral mucins will stain magenta. Each individual component of the Alcian Blue - PAS Stain Kit may also be purchased in bulk.

## Amyloid Stain Kit (Congo Red)

### Kit Contents

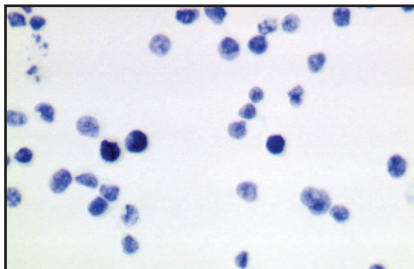
Congo Red Solution  
 Hematoxylin, Mayers  
 Bluing Reagent

<i>Catalog Number</i>	<i>Number of Tests</i>
AMY-1	1,600 Slide
AMY-2	100 Slide



The Amyloid Stain Kit (Congo Red) is intended for use in the histological visualization of amyloid in tissue sections. Examination under a polarizing microscope results in green birefringence of amyloid. The amyloid will stain red to pink, the erythrocytes will stain light orange, the eosinophil granules will stain orange to red and the nuclei will be blue. Each component of the Amyloid Stain Kit is also available to be purchased in bulk.

## Blue Feulgen DNA Ploidy Analysis Staining Kit



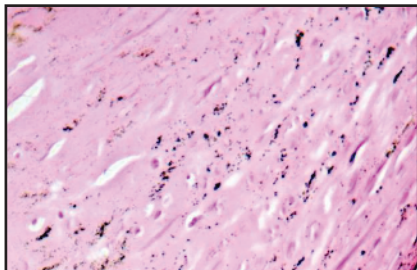
### Kit Contents

Blue Feulgen Stain  
 Decolorizer  
 Rinse Reagent

<i>Catalog Number</i>	<i>Number of Tests</i>
DPK500	100 Slide

The Blue Feulgen DNA Ploidy Staining Kit is designed to identify deoxyribonucleic acid (DNA) in cell nuclei. After staining, the cells may be quantitatively evaluated for DNA content visually or using commercially available imaging systems. This kit is designed for cytological specimens prepared from cytopspins, smears, cell imprints, disaggregated tissue, or whole tissue. The amount of stain color developed is directly proportional to the amount of DNA present in the stained nuclei. The bottles of stain may be opened repeatedly and should be stored appropriately. After conversion to a Schiff reagent, the stain should be used within 15 minutes. Each vial of decolorizer and rinse reagent are designed for a single use and should be stored unopened.

## Calcium Stain Kit (Modified Von Kossa)



### Kit Contents

Silver Nitrate Solution 5%  
 Sodium Thiosulfate 5%  
 Nuclear Fast Red

<i>Catalog Number</i>	<i>Number of Tests</i>
CVK-1	400 Slide
CVK-2	100 Slide

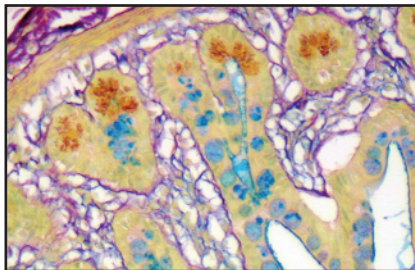
The Calcium Stain Kit (Modified Von Kossa) is intended for use in histological visualization of calcium deposits in paraffin or frozen sections. The calcium in mass deposits will stain black and the calcium in dispersed deposits will stain gray. The nuclei stains red and the cytoplasm will be light pink. Each component of the Calcium Stain Kit is also available to be purchased in bulk.

## Colloidal Iron Stain Kit

### Kit Contents

Acetic Acid Solution 12%  
 Hydrochloric Acid 1N  
 Potassium Ferrocyanide 3%  
 Colloidal Iron Stock Solution  
 Van Gieson's Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
CIK-1	400 Slide
CIK-2	100 Slide



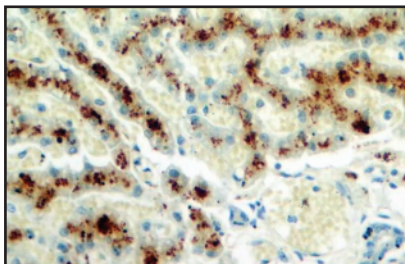
The Colloidal Iron Stain Kit is designed for the histological visualization of acid mucopolysaccharides. The acid mucopolysaccharides will stain bright blue while the collagen will stain in shades of red. Each component of the Colloidal Iron Stain Kit is also available for purchase in bulk.

## Copper Stain Kit (For Microwave)

### Kit Contents

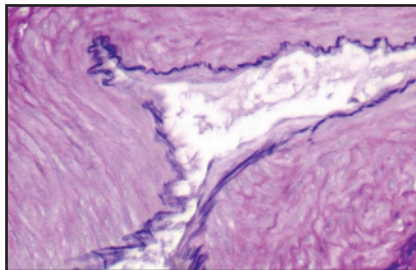
Rhodanine Solution  
 Acetate Buffer pH 8.0  
 Hematoxylin, Mayer's

<i>Catalog Number</i>	<i>Number of Tests</i>
CSK-1	400 Slide
CSK-2	100 Slide



The Copper Stain Kit (for Microwave) is intended for the demonstration of copper deposits in tissue sections. The copper deposits stain a light brown to red and the nuclei stain blue. Each individual component of the Copper Stain Kit is also available for purchase in bulk.

## Elastic Stain Kit (Modified Verhoff's)



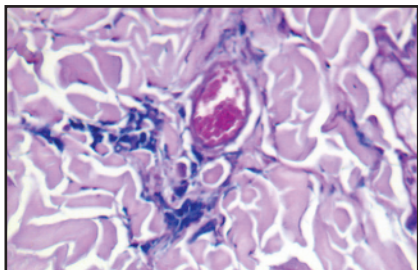
### Kit Contents

Hematoxylin Solution 5%  
 Ferric Chloride 10%  
 Lugol's Iodine Solution  
 Ferric Chloride Differentiating  
 Sodium Thiosulfate 5%  
 Van Gieson's Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
ETS-1	400 Slide
ETS-2	100 Slide

The Elastic Stain Kit is intended for use in histological demonstration of elastin in tissue sections. Demonstration of elastic tissue is useful in cases of emphysema (atrophy of elastic tissue), arteriosclerosis (thinning and loss of elastic fibers) and various other vascular diseases. The elastic fibers stain black to dark blue and the nuclei stains blue to black. The collagen stains red and the muscle and other tissue will stain yellow. Each individual component of the Elastic Stain Kit is also available for purchase in bulk.

## Eosinophil - Mast Cell Stain Kit



### Kit Contents

Astra Blue Solution  
 Vital New Red Solution  
 Hematoxylin, Mayer's

<i>Catalog Number</i>	<i>Number of Tests</i>
CEM-1	400 Slide
CEM-2	100 Slide

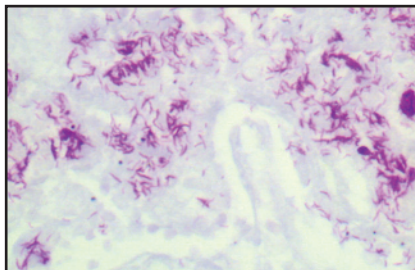
The Eosinophil - Mast Cell Stain Kit is intended for simultaneous visualization of eosinophils and mast cells. The mast cells will stain bright blue, the eosinophils will stain bright red, and the nuclei will stain blue. Each individual component of the Eosinophil Kit is also available for purchase in bulk.

## Fite's Stain Kit (Leprosy & Nocardia Procedures)

### Kit Contents

Xylene - Peanut Oil Solution  
 Carbol Fuchsin Solution  
 Acid Alcohol 1%  
 Methylene Blue Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
FLS-1	400 Slide
FLS-2	100 Slide



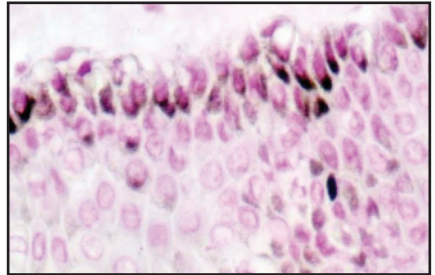
The Fite's Stain Kit (For Leprosy) is intended for use in the histological visualization of mycobacterium leprae (leprosy). The lepra bacillus and nocardia will stain red while the background will stain blue. Each individual component in the Fite's Stain Kit is also available for purchase in bulk.

## Fontana-Masson Stain Kit

### Kit Contents

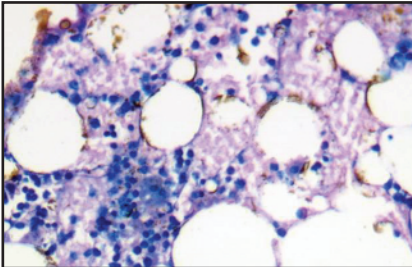
Gold Chloride Solution 2%  
 Silver Nitrate Solution 10%  
 Sodium Thiosulfate 5%  
 Nuclear Fast Red

<i>Catalog Number</i>	<i>Number of Tests</i>
FMS-1	5 assays @ 35ml



The Fontana-Masson Stain Kit (for Argentaffin Cells and Melanin) is intended for use in the histological visualization of Argentaffin cells and Melanin in paraffin or frozen sections. The argentaffin cells and melanin stain black. The nuclei stains red and the cytoplasm stains light pink. Each individual component of the Fontana-Masson Stain Kit is also available for purchase in bulk.

## Giemsa Stain Kit (May-Grunwald)



### Kit Contents

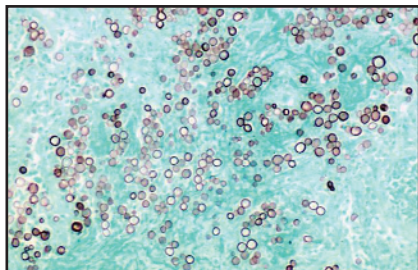
May-Grunwald Solution  
 Giemsa Stock Solution  
 Phosphate Buffer Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
GMG-1	1,600 Slide
GMG-2	100 Slide

The Giemsa Stain Kit (May-Grunwald) is intended for use in the visualization of cells present in hematopoietic tissues and certain microorganisms. This kit may be used on formalin-fixed paraffin-embedded or frozen sections. The Nuclei stains blue/violet; the cytoplasm stains light blue; the collagen and muscle fibers stain pale pink; the erythrocytes stain gray, yellow, or pink; the rickettsia stains reddish-purple; the helicobacter pylori stains blue; and the mast cells stain dark blue with red granules. Each individual component of the Giemsa Stain Kit is also available for purchase in bulk.



## GMS Stain Kit



### Kit Contents

Silver Nitrate Solution  
 Methenamine Solution  
 Gold Chloride Solution 0.2%  
 Borax Solution  
 Sodium Bisulfite Solution  
 Chromic Acid Solution  
 Sodium Thiosulfate 5%  
 Light Green Solution

Catalog Number	Number of Tests
KAA-1	400 Slide
KAA-2	100 Slide

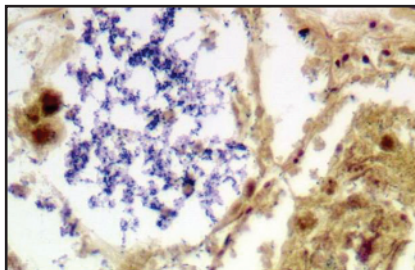
The Modified Gomori Methenamine-Silver Nitrate Stain (GMS Stain Kit) is intended for use in the histologic visualization of fungi, basement membrane and some opportunistic organisms such as *Pneumocystis carinii*. *Pneumocystis carinii* is an opportunistic pathogen that causes severe pulmonary disease in humans, dogs, rats, mice and other vertebrate species with acquired, induced, or inherited immune deficiency syndromes. In addition, this procedure will demonstrate actinomycetes and related species, *Nocardia* asteroids, and certain encapsulated bacteria. Each individual component of the GMS kit is also available for purchase in bulk.

## Gram Stain Kit

### Kit Contents

Gentian Violet Solution  
 Lugol's Iodine Solution  
 Gram's Decolorizer  
 Carbol Fuchsin Counterstain  
 Tartrazine Solution

Catalog Number	Number of Tests
GSK-1	400 Slide
GSK-2	100 Slide



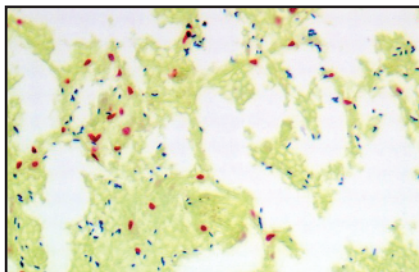
The Gram Stain Kit is intended for the demonstration and differentiation of Gram-positive and Gram-negative bacteria. The gram positive bacteria stains blue, while the negative bacteria stains red. The nuclei stains red and the other tissue stains yellow. Each individual component of the Grams Stain Kit is also available for purchase in bulk.

## Gram Stain Kit (Modified Brown & Brenn)

### Kit Contents

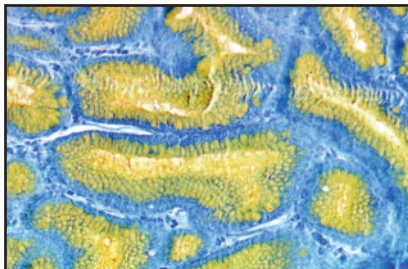
Gentian Violet Solution  
 Lugol's Iodine Solution  
 Gram's Decolorizer Solution  
 Safranin O Solution  
 Picric Acid - Acetone Solution (0.1%)

<i>Catalog Number</i>	<i>Number of Tests</i>
BBS-1	400 Slide
BBS-2	100 Slide



The Gram Stain Kit (Modified Brown & Brenn) is intended for the demonstration and differentiation of Gram-positive and Gram-negative bacteria. Positive bacteria is stained blue, negative bacteria is stained red, nuclei is stained red, and other tissue is stained yellow-pink. Each individual component of the Gram Stain Kit is also available for purchase in bulk.

## H. Pylori Stain Kit



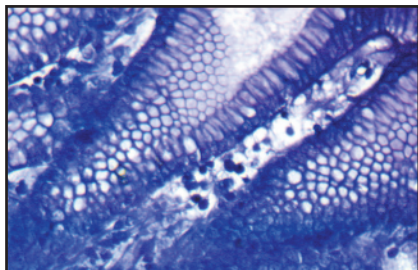
### Kit Contents

Periodic Acid Solution  
 Sodium Metabisulfite Solution  
 Alcian Yellow Solution  
 Toluidine Blue Solution  
 Sodium Hydroxide 3%

<i>Catalog Number</i>	<i>Number of Tests</i>
AYH-1	400 Slide
AYH-2	100 Slide

The H. Pylori Stain Kit is designed for demonstrating Helicobacter Pylori infected tissue. Kit may be used on formalin-fixed, paraffin-embedded tissue as well as frozen sections. The helicobacter pylori stains blue, the mucin stains yellow, and the background stains light blue. Each individual component of the H. Pylori Stain Kit is also available for purchase in bulk.

## H. Pylori Rapid Stain (1-Step)



### Kit Contents

Helicobacter Pylori Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
HPS-20000	200,000 Slide
HPS999	10,000 Slide
HPS500	5,000 Slide

The H. Pylori Rapid Stain (1-Step) is a single component reagent that has been developed to identify helicobacter pylori in a procedure that requires less than 10 minutes to complete. Procedure is effective for fresh, frozen, and paraffin embedded sections. Helicobacter Pylori has been shown to be the causative organism in some gastric ulcers. The H. Pylori stains dark blue/purple, cytoplasm stains pink to red, the nuclei stains blue, and the background stains violet.

## Hematoxylin and Eosin Stain Kit

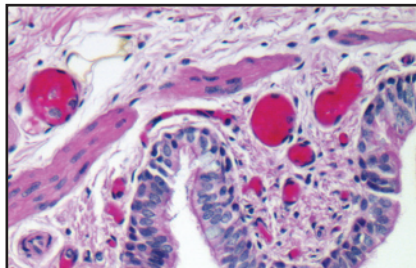
### Kit Contents

Hematoxylin, Mayers (Lillie's Modification)

Bluing Reagent

Eosin Y Solution (Modified Alcoholic)

<i>Catalog Number</i>	<i>Number of Tests</i>
HAE-1	1,600 Slide
HAE-2	100 Slide



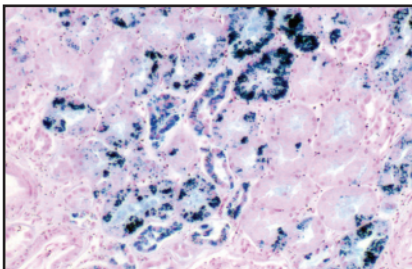
The Hematoxylin and Eosin Stain Kit is intended for use in histology and cytology applications. Included in this kit is a newly formulated Eosin that provides the benefits of a traditional alcoholic formula with significant improvements in usability. Advantages include lower evaporation rate, stronger color patterns, reduced tendency to spill over container, hands, and countertops, and improved surface tension to remain on tissue section. Our hematoxylin produces crisp, intense blue nuclei providing optimal contrast to the Eosin stained cytoplasm. Cytoplasm stains light pink, collagen stains pink, muscle stains pink/rose, erythrocytes stain pink/red, and nuclei stains blue. Each component of the H&E stain kit can be purchased individually in bulk.

## Iron Stain Kit

### Kit Contents

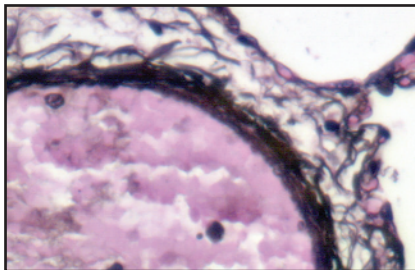
Potassium Ferrocyanide  
 Hydrochloric Acid 2%  
 Nuclear Fast Red Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
IRN-1	400 Slide
IRN-2	100 Slide



The Iron Stain Kit is intended for use in the detection of ferric iron in tissues, blood smears, or bone marrow smears. Ferric iron is normally found in small amounts in bone marrow and the spleen. Abnormally large deposits may be seen in hemochromatosis and hemosiderosis. This product is based on the Prussian Blue reaction in which ionic iron reacts with acid ferrocyanide producing a blue color. In tissue the iron will stain bright blue, the nuclei will stain red, and the background will be pink. For staining with bone or blood smears refer to the instructions for use (IRN-1-IFU). Each individual component of the Iron Stain Kit is also available for purchase in bulk.

## Jones Stain Kit (For Basement Membrane)



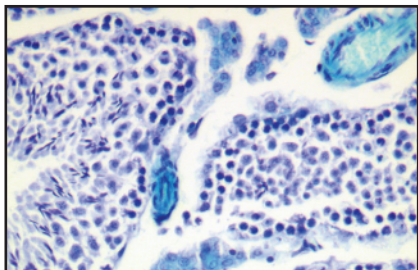
### Kit Contents

Periodic Acid Solution  
 Methenamine Solution  
 Silver Nitrate Solution (5%)  
 Borax Solution  
 Gold Chloride Solution (0.2%)  
 Sodium Thiosulfate Solution (5%)  
 Nuclear Fast Red Solution (Enhanced)

<i>Catalog Number</i>	<i>Number of Tests</i>
JSK-1	11 assays @ 55ml

The Jones Stain Kit is intended for use in histological demonstration of the basement membrane and reticular fibers. This procedure is ideal for staining renal glomerular basement membranes. The main function of the basement membrane and reticular fibers is to provide anchorage and support. They are normally found throughout the body, particularly in the kidney, spleen, and lung. The basement membrane will stain black, reticular fibers stain black, nuclei stains red, and cytoplasm stains light pink. Each individual component of the Jones Stain Kit is also available for purchase in bulk.

## Luxol Fast Blue Stain Kit



### Kit Contents

Cresyl Echt Violet Solution  
 Luxol Fast Blue Solution  
 Lithium Carbonate 0.05%  
 Alcohol Reagent 70%

<i>Catalog Number</i>	<i>Number of Tests</i>
LBC-1	400 Slide
LBC-2	100 Slide

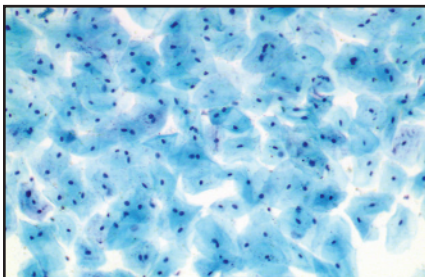
The Luxol Fast Blue Stain Kit is designed for staining myelin/myelinated axons and Nissl substance on formalin-fixed, paraffin-embedded tissue as well as frozen tissue. This product is used for identifying the basic neuronal structure in brain or spinal cord sections. The myelinated fibers stain blue, the nissl substance stains violet, and the nerve cells stain violet. Each individual component of the Luxol Fast Blue Stain Kit is also available for purchase in bulk.

## Methylene Blue Solution (Loeffler's)

### Kit Contents

Methylene Blue Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
MBS999	1000 ml
MBS500	500 ml
MBS125	125 ml



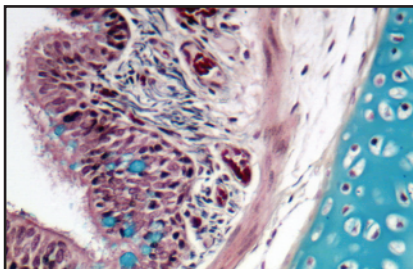
Methylene Blue Solution (Loeffler's) is used in various procedures such as the Ziehl-Neelson, Fite's, and Gram stains. The stain is also suggested for use in staining a variety of bacteria (*Corynebacterium diphtheria*, *Haemophilus influenzae*, *Neisseria*, etc.) and leukocytes. This reagent produces dark blue nuclei with lighter blue cytoplasm.

## Movat Pentachrome Stain Kit (Modified Movat)

### Kit Contents

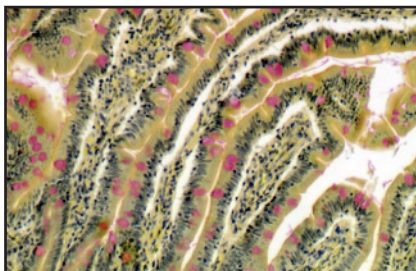
Hematoxylin Solution 5%  
 Ferric Chloride 10%, Aqueous  
 Lugol's Iodine Solution  
 Ferric Chloride 2%  
 Sodium Thiosulfate Solution 5%  
 Acetic Acid 3% Solution  
 Acetic Acid 1% Solution  
 Alcian Blue Solution  
 Biebrich Scarlet - Acid Fuchsin  
 Phosphotungstic Acid 5% Solution  
 Tartrazine Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
MPS-1	400 Slide
MPS-2	100 Slide



The Movat Pentachrome Stain Kit is intended for use in histological demonstration of collagen, elastin, muscle, mucin and fibrin in tissue sections. This procedure is particularly useful when studying the heart, blood, vessels and various vascular diseases. The elastic fibers stain black, the nuclei stains blue/black, the collagen stains yellow, the reticular fibers stain yellow, the mucin stains bright blue, the fibrin stains bright red, and the muscle stains red. Each individual component of the Movat stain kit is also available for purchase in bulk.

## Mucicarmin Stain Kit (Modified Southgates)



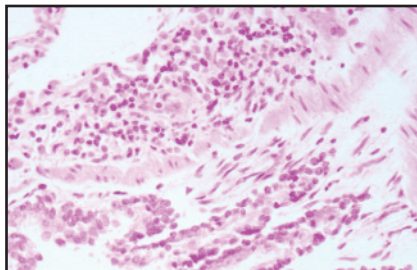
### Kit Contents

Hematoxylin, Mayer's  
 Bluing Reagent  
 Mucicarmin Solution  
 Tartrazine Solution

<i>Catalog Number</i>	<i>Number of Test</i>
SMS-1	400 Slide
SMS-2	100 Slide

Mucicarmin Stain Kit (Modified Southgate's) is intended for use in the histological visualization of acid mucopolysaccharides in tissue sections. This product is useful in distinguishing mucin negative undifferentiated squamous cell lesions from mucin positive adenocarcinomas. In addition, this product will stain the mucopolysaccharide capsule of *Cryptococcus neoformans*. The mucin stains pink/red, the capsule of *cryptococcus* stains red, the nuclei stains black/blue, and the other tissue components stain yellow. Each individual component of the Mucicarmin Stain Kit is also available for purchase in bulk.

## Nuclear Fast Red Solution (Enhanced Solution)



### Kit Contents

Nuclear Fast Red Solution (Enhanced)

<i>Catalog Number</i>	<i>Number of Tests</i>
NFS999	1000 ml
NFS500	500 ml
NFS125	125 ml

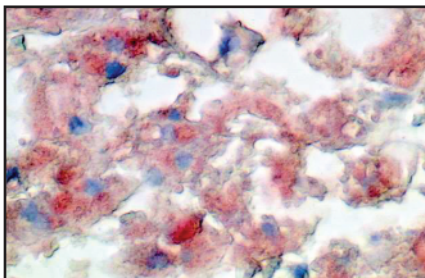
Nuclear Fast Red is a stain with histological applications. The ScyTek reagent has improved stability over current formulations allowing storage at temperatures ranging from room temperature to refrigerated. Current formulations tend to precipitate in cold temperatures such as experienced during winter shipping. In addition, most formulations develop a small amount of precipitate over extended periods of time. This advanced formulation eliminates problems associated with exposure to cold and aging.

## Oil Red O Stain Kit (For Fat)

### Kit Contents

Propylene Glycol  
 Oil Red O Solution  
 Hematoxylin, Mayer's

<i>Catalog Number</i>	<i>Number of Tests</i>
ORK-1	400 Slide
ORK-2	100 Slide



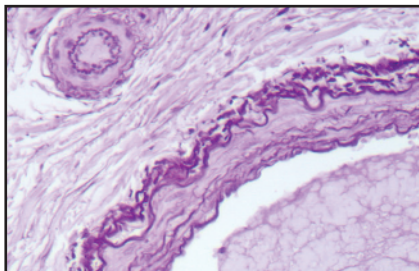
The Oil Red O Stain Kit (For Fat) is intended for use in the histological visualization of fat cells and neutral fat. This kit may **ONLY** be used on frozen tissue sections, fresh smears, or touch preps as xylenes and alcohols will dissolve fat deposits. The fat cells stain red, the neutral fat stains red, and the nuclei stains blue. Each individual component of the Oil Red O kit is also available for purchase in bulk.

## Orcein Stain Kit (For Hepatitis B and Elastic Fibers)

### Kit Contents

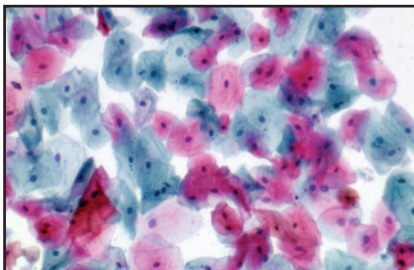
Potassium Permanganate 5%  
 Sulfuric Acid Solution 3%  
 Oxalic Acid Solution 2%  
 Orcein Solution  
 Differentiating Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
HBK-1	400 Slide
HBK-2	100 Slide



The Hepatitis B Stain Kit is intended for use in the histological visualization of Hepatitis B surface antigen (HBsAg). This kit may be used on formalin-fixed, paraffin-embedded or frozen sections. The HBsAg stains a dark brown. Each individual component of the Hepatitis B Stain kit is also available for purchase in bulk.

## Papanicolaou (PAP) Stain Kit



### Kit Contents

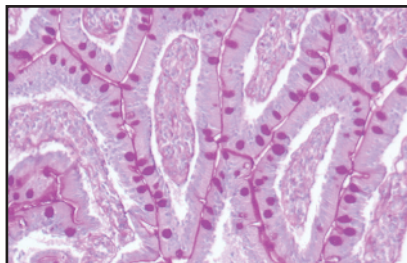
Hematoxylin, Mayer's (Lillie's Modification)  
 OG-6 Solution  
 EA-50 Stain Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
PAP-1	1,600 Slide
PAP-2	100 Slide

The Papanicolaou (PAP) Stain Kit is designed to differentiate between a variety of cells in vaginal smears for detection of vaginal, uterine, and cervical cancer. In addition, this procedure is valuable for staining a variety of other bodily secretions and cell smears. The procedure was developed in the early 1940s by George Papanicolaou. The nuclei stains blue, the high keratin cells stain orange, superficial cells stain pink, erythrocytes stain dark pink, parabasal and intermediate cells stain blue/green and the metaplastic cells may contain both blue/green and pink. Each individual component of the PAP stain is also available for purchase in bulk.



## Periodic Acid Schiff (PAS) Stain Kit



### Kit Contents

Periodic Acid Solution  
 Schiff's Solution  
 Hematoxylin, Mayer's  
 Bluing Reagent

<i>Catalog Number</i>	<i>Number of Tests</i>
PAS-1	400 Slide
PAS-2	100 Slide

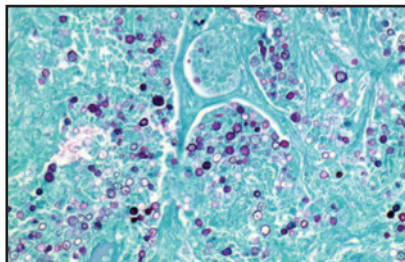
The PAS Stain Kit (modified Lillie's) is intended for use in histological demonstration of lymphocytes and mucopolysaccharides. The staining pattern of the lymphocytes are helpful in making therapeutic decisions in established cases of lymphocytic leukemia. The PAS reaction in tissue sections is useful for the demonstration of mucopolysaccharides. PAS staining may also be used for the demonstration of fungal organisms in tissue sections. The positive PAS material stains magenta and the nuclei stains black/blue. Each individual component of the PAS kit is also available for purchase in bulk.

## Periodic Acid Schiff (PAS) for Fungus Stain Kit

### Kit Contents

Periodic Acid Solution  
 Schiff's Solution  
 Light Green Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
PASF-1	400 Slide
PASF-2	100 Slide



The PAS for Fungus Stain Kit is intended for use in histological demonstration of fungal organisms in tissue sections. The PAS reaction is also useful in the demonstration of lymphocytes and mucopolysaccharides. The staining patterns of the lymphocytes are helpful in making therapeutic decisions in established cases of lymphocytic leukemia. The fungal organisms and PAS positive material stain magenta and the background stains green/blue. Each individual component of the PAS for fungus stain kit is also available for purchase in bulk.

## Picro-Sirius Red Stain Kit (For Cardiac Muscle)

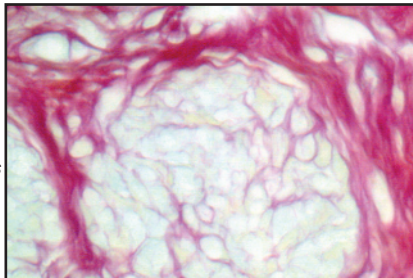
### Kit Contents

Phosphomolybdic Acid Solution (0.2%)

Picro-Sirius Red Solution

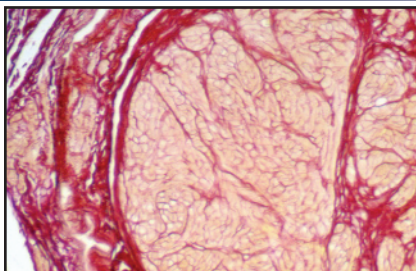
Acetic Acid Solution (0.5%)

<i>Catalog Number</i>	<i>Number of Tests</i>
SRC-1	800 Slide
SRC-2	100 Slide



The Picro-Sirius Red Stain Kit (For Cardiac Muscle) is intended for use in the histological visualization of thin septa and collagen fibers. This modification of the Picro-Sirius Red stain eliminates the yellow cytoplasmic staining that can obscure thin collagenous septa. Using this procedure easily allows viewing of collagenous septa as thin as 0.2 to 0.5 microns. The PSR stain may be viewed using standard light microscopy or polarized light resulting in birefringence of the collagen fibers to distinguish between type I and type III. Each individual component of the PSR kit is available for purchase in bulk.

## Picro-Sirius Red Stain Kit (For Collagen)



### Kit Contents

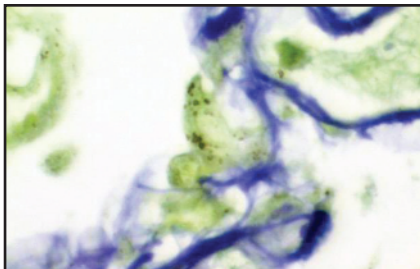
Picro-Sirius Red Solution

Acetic Acid Solution (0.5%)

<i>Catalog Number</i>	<i>Number of Tests</i>
PSR-1	800 Slide
PSR-2	100 Slide

The Picro-Sirius Red Stain Kit (For Collagen) is intended for use in the histological visualization of collagen I and III fibers in addition to muscle in tissue sections. The PSR stain may be viewed using standard light microscopy or polarized light resulting in birefringence of the collagen fibers to distinguish between type I and type III. The collagen will stain red and the muscle fibers and cytoplasm will stain yellow. Each component of the PSR stain is also available for purchase in bulk.

## Pneumocystis Stain Kit



### Kit Contents

Cresyl Echt Violet 0.1%  
 Naphthol Yellow S Solution  
 Staining Jar

Catalog Number	Number of Tests
PCS-1	400 Slide
PCS-2	100 Slide

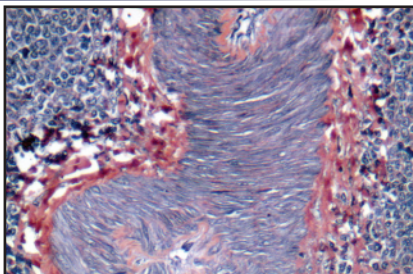
The Pneumocystis Stain Kit is intended for use in the histological visualization of Pneumocystis carinii in cytology smears, and paraffin or frozen tissue sections. The pneumocystis carinii stains violet/purple, the connective tissue stains blue/green, the erythrocytes stain yellow, and the mucin and cartilage stain rose/purple. Each individual component of the Pneumocystis Stain Kit is also available for purchase in bulk.

## PTAH Stain Kit for Microwave

### Kit Contents

Zinc Chloride Solution 10%  
 Ferric Ammonium Sulfate  
 PTAH Solution

Catalog Number	Number of Tests
PTA-1	400 Slide
PTA-2	100 Slide



The PTAH (Phosphotungstic Acid Hematoxylin) Stain Kit for Microwave is intended for use in the histological visualization of collagen, striated muscle, and glial fibers without using Zenker's Fixative with Mercuric Chloride as a mordant. This kit may be used on formalin-fixed paraffin-embedded or frozen sections. The fibrin, striated muscle, and glial fibers stain blue. The collagen stains brownish/red and the nuclei stains blue. Each individual component of the PTAH Kit is also available for purchase in bulk.

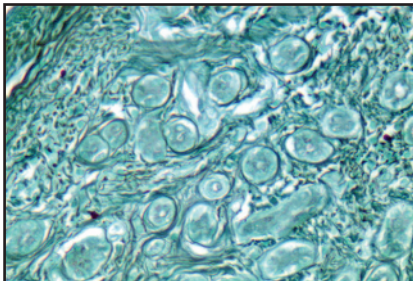
## Reticulum Stain Kit

### Kit Contents

Potassium Permanganate 1%  
 Potassium Metabisulfite 3%  
 Ferric Ammonium Sulfate 3%  
 Formalin Solution 20%  
 Gold Chloride Solution 0.1%  
 Sodium Thiosulfate 5%  
 Sodium Hydroxide Solution  
 Silver Nitrate Solution  
 Light Green Solution

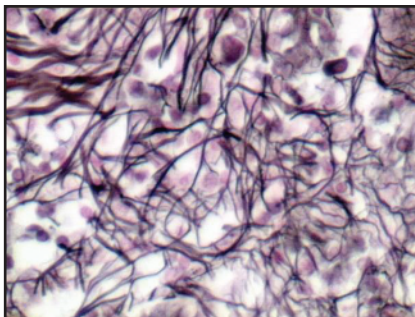
*Catalog Number*  
 GRT-1

*Number of Tests*  
 5 assay @ 25ml



The Reticulum Stain Kit is intended for use in histological demonstration of reticular fibers. The main function of reticular fibers is to provide support. They are normally found throughout the body, particularly in liver, lymph node, spleen, and kidney. Ammoniacal silver stains are the most commonly used methods for demonstration of reticular fibers. The reticulum stains black and the background stains green/blue. Each individual component of the Reticulum Kit is also available for purchase in bulk.

## Reticulum Stain Kit (Modified Gomori's)



### Kit Contents

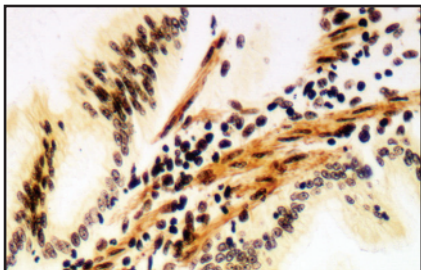
Potassium Permanganate  
 Sulfuric Acid 1N  
 Potassium Metabisulfite  
 Ferric Ammonium Sulfate  
 Silver Nitrate Solution 10 %  
 Potassium Hydroxide 10%  
 Formalin Solution 20%  
 Gold Chloride Solution 0.2%  
 Sodium Thiosulfate 5%  
 Nuclear Fast Red Solution

*Catalog Number*  
 GRS-1

*Number of Tests*  
 6 assays @ 25ml

The Reticulum Stain Kit is intended for use in histological demonstration of reticular fibers. The main function of reticular fibers is to provide support. They are normally found throughout the body, particularly in the liver, lymph node, spleen, and kidney. Ammoniacal silver stains are the most commonly used methods for demonstration of reticular fibers. The reticulum stains black and the background stains red/pink. Each individual component of the Reticulum Kit is also available for purchase in bulk.

## Steiner Stain Kit (For Spirochetes)



### Kit Contents

Oxidizer Solution  
 Zinc Formalin Solution  
 Gum Mastic Solution  
 Hydroquinone  
 Silver Nitrate Solution 0.2%  
 Silver Nitrate Solution 1%

<i>Catalog Number</i>	<i>Number of Tests</i>
SSK-1	6 assays @ 40ml

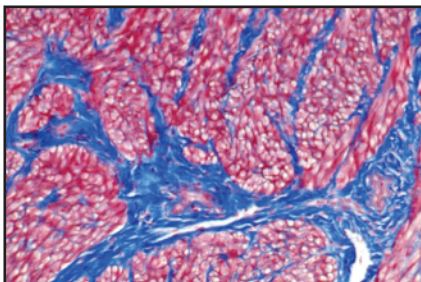
The Steiner Stain Kit (For Spirochetes) is designed for demonstrating Fungi, Helicobacter Pylori, Legionella Pneumophila, and Spirochete infected tissue. Kit may be used on formalin-fixed, paraffin-embedded tissue as well as frozen sections. The spirochetes, helicobacter pylori, fungi, and legionella pneumophila all stain black to brown and the background stains yellow to tan. Each individual component of the Steiner Stain Kit is also available for purchase in bulk.

## Trichrome Stain Kit (Modified Masson's)

### Kit Contents

Bouin's Fluid  
 Wiegert Iron Hematoxylin A and B  
 Biebrich Scarlet/Acid Fuchsin  
 Phophomolybdic/Phosphotungstic  
 Aniline Blue Solution  
 Acetic Acid Solution 1%

<i>Catalog Number</i>	<i>Number of Tests</i>
TRM-1	400 Slide
TRM-2	100 Slide

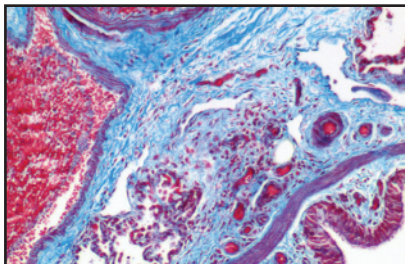


The Trichrome Stain Kit (Modified Masson's) is intended for use in the histological visualization of collagenous connective tissue fibers in tissue sections. This kit may be used on formalin-fixed, paraffin-embedded or frozen sections. The collagen stains blue, the muscle fibers stain red, and the nuclei stains black/blue. Each individual component of the Trichrome Stain is also available for purchase in bulk.

## Trichrome Stain Kit (Modified Gomori's)

### Kit Contents

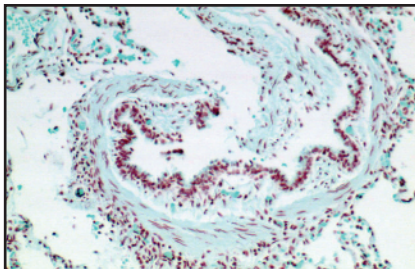
Bouin's Fluid  
 Weigert Iron Hematoxylin A and B  
 Trichrome Stain  
 Acetic Acid Solution  
 Acid Alcohol Solution



<i>Catalog Number</i>	<i>Number of Tests</i>
TRG-1	400 Slide
TRG-2	100 Slide

The Trichrome Stain Kit (Modified Gomori's) is intended for use in the histological visualization of collagenous connective tissue fibers in tissue sections. The collagen stains blue, the muscle fibers stain red, and the nuclei stain black/blue. Each individual component of the Trichrome Stain Kit is available for purchase in bulk.

## Twort's Counterstain Kit



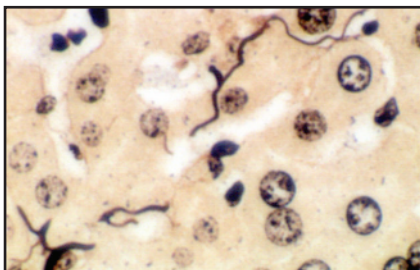
### Kit Contents

Twort's Counterstain A  
 Twort's Counterstain B

<i>Catalog Number</i>	<i>Number of Tests</i>
TCK-1	600 Slide

The Twort's Counterstain Kit is designed for histological procedures to provide contrast for easier visualization of tissue sections. Nuclei will stain red and cytoplasm will stain light green. Each individual component of the Twort's Counterstain Kit is also available to be purchased in bulk.

## Warthin-Starry Stain Kit



### Kit Contents

SpiroPrep  
 Gelatin (4%), Acidulated  
 Silver Nitrate Solution 0.5%  
 Hydroquinone Solution 0.1%  
 Silver Nitrate Solution 2%

<i>Catalog Number</i>	<i>Number of Tests</i>
WSS-1	8 assays @ 20ml

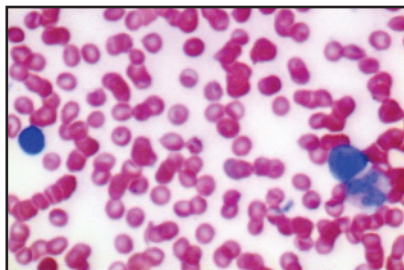
The Warthin-Starry Stain Kit is intended for use in the visualization of Spirochetes, Helicobacter Pylori, Legionella Pneumophila, and Cat Scratch Fever bacteria. This kit may be used on formalin-fixed, paraffin-embedded or frozen sections. The helicobacter pylori, legionella pneumophila, spirochetes, and cat scratch fever bacteria all stain black. The klebsiella stains brown/black, the nuclei stains brown, and the background stains yellow. Each individual component of the Warthin-Starry Stain Kit is also available for purchase in bulk.

## Wright-Giemsa Stain Kit

### Kit Contents

Wright-Giemsa Solution  
 PBS Solution

<i>Catalog Number</i>	<i>Number of Tests</i>
WGK-1	1,600 Slide
WGK-2	100 Slide



The Wright-Giemsa Stain Kit is intended to be used for differential staining of blood smears, bone marrow and blood parasites. Erythrocytes will stain pink-tan, the leukocytes will stain blue-purple, the neutrophils will stain light purple, the eosinophils will stain bright red, the basophils will stain deep purple, and the platelets will stain violet-purple. Each individual component of the Wright-Giemsa Stain Kit is also available to be purchased in bulk.



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