

PAS Stain Kit, with Diastase

Description:

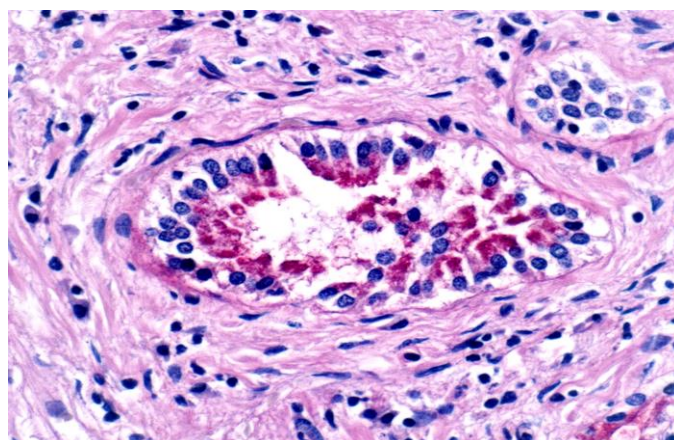
The Periodic Acid Schiff (PAS) Diastase Stain Kit is intended for use in histological demonstration of lymphocytes and mucopolysaccharides. The α -Amylase digestion step acts on glycogen to break it into smaller sugars that are then washed off the tissue section allowing visual comparison of digested and undigested slides. The PAS reaction in tissue sections is useful for the demonstration of mucopolysaccharides.

Uses/Limitations:

Not to be taken internally.
 For In-Vitro Diagnostic use only.
 Histological applications.
 Do not use if reagents become cloudy.
 Do not use past expiration date.
 Use caution when handling reagents.
 Non-Sterile.

Control Tissue:

Liver


Results:

PAS Positive Material:
 Nuclei:

Magenta
 Blue

Kit Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
SSK-AAS250	Alpha-Amylase Solution (1%)	250 ml	2-8° C
SSK-PAQ250	Periodic Acid Solution	250 ml	2-8° C
SSK-SRF250	Schiff's Solution	250 ml	2-8° C
SSK-HMM125	Hematoxylin, Mayer's	125 ml	18-25°C
SSK-BRT125	Bluing Reagent	125ml	18-25°C

Mixed Storage Conditions. Separate Contents.

Note: Individual components are designed to be interchangeable with StatLab kits when both are produced by StatLab and have identical catalog numbers (e.g. SSC-AAS) may be ordered as an individual component to replace Alpha-Amylase Solution (1%) that is supplied with kit.

For information regarding ordering individual components, please contact us at 800-442-3573.

Control Slides Available. CS-PAS/25/pack

Precautions:

Avoid contact with skin and eyes.
 Harmful if swallowed.
 Follow all Federal, State, and local regulations regarding disposal.



Instructions For Use **IFU-062** **SSK-PAS(DIASTASE)**

Rev. Date: Aug. 17, 2016

Revision: 2

Page 2 of 3

Procedure:

1. Deparaffinize two identical sections if necessary and hydrate to distilled water.
 2. If sections are Zenker-fixed, remove mercuric chloride crystals using iodine and clear with sodium thiosulfate. Rinse in running tap water.
 3. Apply Alpha-Amylase Solution (1%) to one slide and incubate for 10-30 minutes at room temperature.
 4. Rinse in 2 changes of distilled water.
- Note: The remainder of this procedure is performed on both the "digested" and "undigested" slides.
5. Apply Periodic Acid Solution (1%) to tissue section and incubate for 10 minutes.
 6. Rinse slide in 4 changes of distilled water.
 7. Apply Schiff's Solution to tissue section and incubate for 15-30 minutes.
 8. Rinse slide in warm running tap water for 2 minutes.
 9. Rinse slide in distilled water.
 10. Apply Hematoxylin, Mayer's (Lillie's Modification) to tissue section and incubate for 1 minute.
 11. Rinse in running tap water for 2 minutes followed by 2 changes of distilled water.
 12. Apply Bluing Reagent for 5 seconds and rinse in distilled water.
 13. Dehydrate through graded alcohols.
 14. Clear, and mount in synthetic resin.

References:

1. Culling CFA, Allison RT, Barr WT.: Cellular Pathology Technique, 4th Edition. Butterworths, Pages 216-220, 1985.
2. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. CV Mosby, Columbus, OH. Pages 164-167, 1980.



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Revision: 2

Page 3 of 3

Lot-to-Lot Validation Form Periodic Acid Schiff (PAS) Diastase Stain Kit Catalog: SSK-PAS(DIASTASE)

Kit Lot Number: _____
Kit Expiration Date: _____
Date Tested: _____
Control Tissue (#) _____
Approved for Use: Y/N _____
Date put into use: _____
If not approved,
corrective actions
taken: _____

Approved by: _____

Kit Component	Lot #
Alpha Amylase Solution	_____
Periodic Acid Solution	_____
Schiff's Solution	_____
Hematoxylin, Mayer's	_____
Bluing Reagent	_____

Replacement Component if used	Replacement Date	Lot #	Accepted Y/N	Comments
Alpha Amylase Solution				
Periodic Acid Solution				
Schiff's Solution				
Hematoxylin, Mayer's				
Bluing Reagent				
Approved By: _____				

Note: Individual components are designed to be interchangeable with StatLab kits when both are produced by StatLab and have identical catalog numbers (e.g. SSC-AAS may be ordered as an individual component to replace Alpha Amylase Solution that is supplied with kit).

StatLab is providing this form to assist with reagent lot validation as stated in CLIA'88 Standard 493.1256-For reagent(s), the laboratory must do the following: Check each batch (prepared in-house), lot number (commercially prepared) and shipment of reagents, stains, and identification systems (systems using two or more substrates or two or more reagents, or a combination) when prepared or opened for positive and negative reactivity, if applicable.