



## Periodic Acid Schiff (PAS) Stain Kit With Diastase (Powder)

Solutions Provided:

#SSC1102 - **Periodic Acid, 0.5%**

#SSC1117 - **Schiff's Reagent**

#SSC1059 - **Modified Mayer's Hematoxylin**

#SSC1139 - **Diastase Powder**

### Prepare Diastase Working Solution

Dissolve 1g Diastase Powder per 100mL of Distilled or Deionized water

### Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Place slides in **Diastase Working Solution** for 20 minutes. Rinse thoroughly in running tap water for 1-2 minutes
3. Place slides in **Periodic Acid, 0.5%** for **5 minutes**.
4. Rinse slides quickly in 3 changes of distilled water.
5. Place slides in **Schiff's Reagent** for **15 minutes**.  
Note: Schiff's Reagent should be warmed to room temperature before use.
6. Wash slides in running tap water for **10 minutes**.
7. Stain Slides in **Modified Mayer's Hematoxylin** for **1-2 minutes** (or until desired intensity of nuclear staining is reached).
8. Wash sections to blue hematoxylin (approximately 3 minutes).
9. Dehydrate in 3 changes of 100% alcohol.
10. Clear and mount with appropriate mounting medium.

### Results:

Glycogen, Basement Membrane,  
Neutral Mucosubstances, Fungi:  
Nuclei:

Pink-Red  
Blue

