Usage procedure for:
Periodic Acid Schiff (PAS) Stain Kit

Avantik Kit Item #: RS4565-125 | RS4565-250 | RS4565-500

Solutions Provided in Stain Kit:
Periodic Acid, 0.5%
Schiff’s Reagent
Modified Mayer’s Hematoxylin

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

Results:
Glycogen, Basement Membrane, Neutral Muchosubstance, Fungi: Pink-Red
Nuclei: Blue

Kit Components and Related Control Slides:
Avantik Item Numbers:
Periodic Acid, 0.5%: RS4435-250 (250 mL) | RS4435-500 (500 mL)
Schiff’s Reagent: RS4450-250 (250 mL) | RS4450-500 (500 mL)
Modified Mayer’s Hematoxylin: RS4427-250 (250 mL) | RS4427-500 (500 mL)
PAS Control Slides: SL6214-A (Pack/12) | SL6214-B (Pack/25) | SL6214-D (Pack/100)