Usage procedure for:

**Periodic Acid Schiff (PAS) Fungus Stain Kit**

Avantik Kit Item #: RS4564-125 | RS4564-250 | RS4564-500

**Solutions Provided in Stain Kit:**
Periodic Acid, 0.5%
Schiff’s Reagent
Light Green Counterstain

**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 **Light Green Counterstain** for 1-2 minutes (or until desired intensity is reached).
7. Dehydrate in 3 changes of 100% alcohol.
8. Clear and mount with appropriate mounting medium.

**Results:**
Glycogen, Basement Membrane, Neutral Muchosubstances, Fungi: **Pink-Red**
Other Tissue Components: **Green to Blue Green**

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**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)
- **Light Green Counterstain**: RS4421-250 (250 mL) | RS4421-500 (500 mL)
- **PAS/F Control Slides**: SL6207-A (Pack/12) | SL6207-B (Pack/25) | SL6207-D (Pack/100)
- **PAS/F Pos/Neg Control Slides**: SL6379-A (Pack/12) | SL6379 (Pack/25) | SL6379-D (Pack/100)