

Instructions for Use

Schiff's Reagent



CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
33700-16	Schiff's Reagent, 500 mL	1 each
33700-1000	Schiff's Reagent, 1000 mL	1 each
33700-GAL	Schiff's Reagent, 1 gallon	1 each

INTENDED USE

Schiff's Reagent is a component used in the PAS (Periodic Acid-Schiff) Stain Kit and Alcian Blue-PAS Stain Kit.

GENERAL INFORMATION

Schiff's Reagent is a main component in the PAS and Alcian Blue-PAS stain kit to identify basement membrane, fungi, glycogen, and mucin.

STORAGE AND STABILITY

Storage: Store in original container or corrosive resistant and/or lined container. Store in a dry, cool and well-ventilated place. Store away from other materials. Refrigerate Schiff's Reagent after opening.

Refer to SDS for details.

PERIODIC-ACID SCHIFF (PAS) STAIN PROCEDURE

1. Deparaffinize slides using 2 changes of Xylene or Xylene Substitute for 5 minutes each change or as required if using a Xylene Substitute.
2. Rinse slides in 3 changes of absolute alcohol or as required if using graded alcohols.
3. Rinse in running DI water for 1 minute.
4. **IF DIGESTION IS REQUIRED**, immerse slides in diastase working solution (catalog number SSC-AAS250 or AHDIA50) for 20 minutes, then rinse in running DI water for 1 minute.
5. Immerse slides in 0.5% Periodic Acid for 7 minutes, then rinse in running DI water for 10 seconds.
6. Immerse slides in **Schiff's Reagent** for 15 minutes.
7. Rinse in running tap water for 5 minutes.
8. Immerse slides in Modified Mayer's Hematoxylin for 2 minutes, then rinse in running tap water for 1 minute.
9. Immerse slides in Light Green Counterstain for 30-60 seconds until desired intensity is reached. **DO NOT rinse in water when slides are complete.**
10. Dehydrate sides through 3 changes of absolute alcohol for 3 seconds each change with agitation.
11. Clear slides through 3 changes of Xylene or Xylene Substitute for 1 minute each change or as required if using Xylene Substitute.
12. Coverslip with permanent mounting media.

This protocol is a recommendation only. Modifications may be necessary.

Please contact tech@statlab.com with any additional questions.



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