

P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com

Naphthol Yellow S Solution

Description:	Naphthol Yellow S Solution is a component of the Pneumocystis Stain Kit (Cat# PCS-1) which is intended for use in the histological visualization of Pneumocystis carinii in cytology smears, and paraffin or frozen tissue sections. Naphthol Yellow S Solution is the component responsible for staining the Erythrocytes yellow.		
	Pneumocystis carinii: Connective Tissue: Erythrocytes: Mucin: Cartilage:	Violet / Purple Blue / Green Yellow Rose / Purple Rose / Purple	
Uses/Limitations:	For In-Vitro Diagnostic use Histological applications. Do <u>not</u> use past expiration Use caution when handling	date.	

Control Tissue: Any prepared slide that contains Pnuemocystis carinii.

Contents:

Item #	Contents	Volume	Storage
NYS125	Naphthol Yellow S Solution	125 ml	Room Temperaure
NYS500		500 ml	-
NYS999		1000 ml	

Required But Not Included:

CEA125 Cresyl Echt Violet Solution (0.1%) 125 ml 2-8°Centigrade Glacial Acetic Acid Sulfuric Acid

Precautions: Avoid contact with skin and eyes. Harmful if swallowed. Follow all Federal, State, and local regulations regarding disposal. Use in chemical fume hood whenever possible.





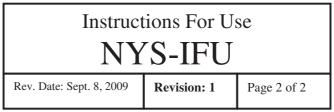
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Preparation of Sulfation Reagent Prior to Beginning (Not Included):

NOTE: Wear protective clothing, gloves, and eyewear when mixing and handling this reagent. Make fresh for each use.

- 1. Pour 15 ml of Glacial Acetic Acid into the Staining Jar provided with this kit.
- 2. Slowly add 5 ml of Sulfuric Acid to the Staining Jar.
- 3. Screw cap tightly on staining jar and invert several times to thoroughly mix acids.
- 4. Wait 5-10 minutes before proceeding with stain procedure to allow mixed acids to cool.
- 5. Use Staining Jar only for Sulfation procedure.

Procedure (Standard):

- 1. Deparaffinize sections if necessary and hydrate to distilled water.
- 2. Place slide in freshly mixed Sulfation Reagent for 10 minutes. **Note:** Agitate Staining Jar every few minutes to keep acids mixed.
- 3. Rinse in several changes of distilled water.
- 4. Incubate slide in Cresyl Echt Violet Solution (0.1%) for 10-15 minutes. **Note:** Agitate slide several times during incubation step.
- 5. Rinse quickly in distilled water.
- Dip slide in Naphthol Yellow S Solution for 4 seconds. Note: Excessive Naphthol Yellow S Solution decolorizes Pneumocystis.
- 7. Rinse very quickly in distilled water.
- 8. Dehydrate very quickly in 2 changes of fresh Absolute Alcohol. Alternative Method: Dip slide twice in Absolute Alcohol and air-dry slide.
- 9. Clear, and mount in synthetic resin.

References:

1. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. Battelle Press, Columbus, OH.



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