

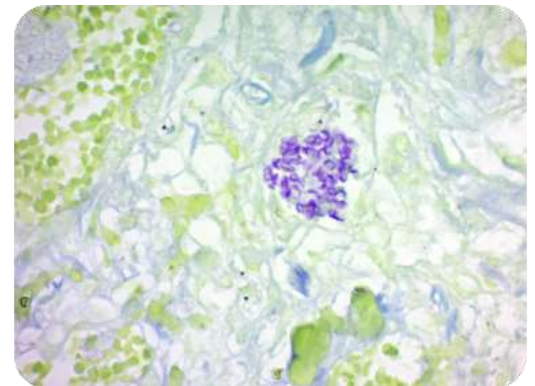
## Pneumocystis Stain Kit

**Description:** *The Pneumocystis Stain Kit is intended for use in the histological visualization of Pneumocystis carinii in cytology smears, and paraffin or frozen tissue sections.*

<i>Pneumocystis carinii:</i>	<i>Violet / Purple</i>
<i>Connective Tissue:</i>	<i>Blue / Green</i>
<i>Erythrocytes:</i>	<i>Yellow / Green</i>
<i>Mucin:</i>	<i>Rose / Purple</i>
<i>Cartilage:</i>	<i>Rose / Purple</i>

**Uses/Limitations:** *Not to be taken internally.  
For In-Vitro Diagnostic use only.  
Histological applications.  
Do not use if reagents become cloudy.  
Do not use past expiration date.  
Use caution when handling reagents.  
Non-Sterile.*

**Control Tissue:** *Any prepared slide that contains  
Pneumocystis carinii.*




**Ordering information regarding individual components on back page!**

**Kit Contents:**


<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
CEA125	Cresyl Echt Violet Solution (0.1%)	125 ml	2-8°C
NYS125	Naphthol Yellow S Solution	125 ml	18-25°C
	Staining Jar	60 ml	

**Precautions:** *Avoid contact with skin and eyes.  
Harmful if swallowed.  
Follow all Federal, State, and local regulations regarding disposal.*

Storage: 2° C  25° C


**Mixed Storage Conditions.  
Separate Contents.**

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ScyTek Laboratories, Inc.  
205 South 600 West  
Logan, UT 84321  
U.S.A.

**CE** 

 EmergoEurope (31)(0) 70 345-8570  
Molsnstraat 15  
2513 BH Hague, The Netherlands

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

**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:


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 3 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.
6. Apply Naphthol Yellow S Solution to tissue section for no longer than **4 seconds**. **Note:** Excessive Naphthol Yellow S Solution decolorizes Pneumocystis and connective tissue.
7. Rinse very quickly using absolute alcohol.
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*, 2<sup>nd</sup> Edition. Battelle Press, Columbus, OH.


**Bulk Reagent Ordering Information and Current Pricing at [www.scytek.com](http://www.scytek.com)**

Description:	Catalog #	Volume
Cresyl Echt Violet Solution (0.1%)	SSC1201-125	125 ml
	SSC1201-500	500 ml
	SSC1201-1000	1000 ml
Naphthol Yellow S Solution	NYS125	125 ml
	NYS500	500 ml
	NYS999	1000 ml

Storage: 2° C  25° C


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