

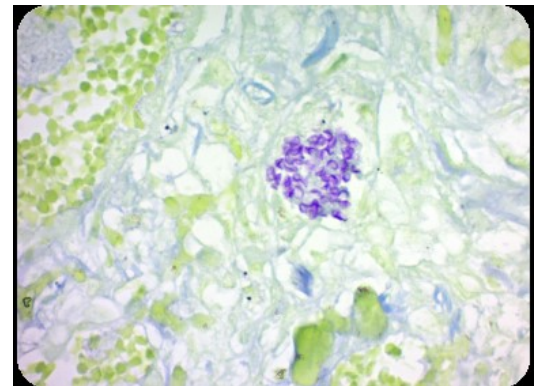
## Pneumocystis Stain Kit

**Description:** The Pneumocystis Stain Kit is intended for use in the histological visualization of Pneumocystis carinii in paraffin tissue sections.

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

**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 Pnuemocystis carinii.




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

### Kit Contents:


Item #	Kit Contents	Volume	Storage
CEA030	Cresyl Echt Violet Solution (0.1%)	30 ml	2-8°C
NYS030	Naphthol Yellow S Solution	30 ml	18-25°C

**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.**

Doc: IFU-TemplateMixedStoragerev2



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

CE 

EC REP

Emergo Europe  
Prinsessegracht 20  
2514 AP The 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 a Staining Jar.
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 5-10 drops of 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 5-10 drops of 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%)	CEA125	125 ml
	CEA500	500 ml
	CEA999	1000 ml
Naphthol Yellow S Solution	NYS125	125 ml
	NYS500	500 ml
	NYS999	1000 ml

Storage: 2° C  25° C

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