



Instructions For Use PCS-1-IFU

Rev. Date: Mar. 28, 2016

Revision: 3

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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.

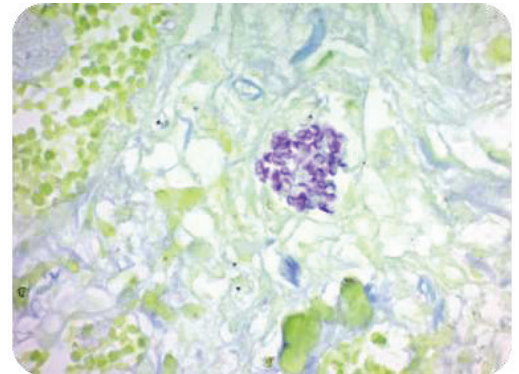
<i>Pneumocystis carinii:</i>	Violet / Purple
<i>Connective Tissue:</i>	Blue / Green
<i>Erythrocytes:</i>	Yellow / Green
<i>Mucin:</i>	Rose / Purple
<i>Cartilage:</i>	Rose / Purple

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 *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.**

Doc: IFU-TemplateMixedStorageev2

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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, 2nd Edition.* Battelle Press, Columbus, OH.


Bulk Reagent Ordering Information and Current Pricing at 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

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