



Instructions For Use PCS-2-IFU

Rev. Date: Mar. 28, 2016

Revision: 2

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Pneumocystis Stain Kit

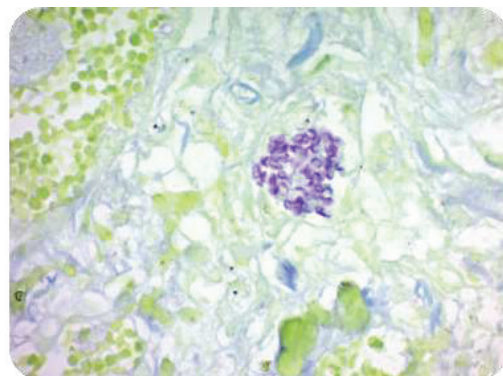
Description:

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>	<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>
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

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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 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, 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%)	CEA125	125 ml
	CEA500	500 ml
	CEA999	1000 ml
Naphthol Yellow S Solution	NYS125	125 ml
	NYS500	500 ml
	NYS999	1000 ml

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