# **Instructions for Use**

# Pneumocystis Control Slides



CATALOG NUMBER	DESCRIPTION	UNIT OF MEASUREMENT
CS013-PS-25	Pneumocystis Control Slides, Adhesion, 1 stained/24 unstained	1 set
CS013-PS-100	Pneumocystis Control Slides, Adhesion, 1 stained/99 unstained	1 set
CS102-PS-100	Pneumocystis/Fungus Control Slides, Adhesion, 1 stained/99 unstained	1 set

## **INTENDED USE**

Qualitative control for Pneumocystis jirovecii

## **TISSUE**

Known Positive Tissue

#### **FIXATION**

10% Buffered Formalin

## **TECHNICAL INFORMATION**

Paraffin sections cut at 5 microns

# USE WITH POLYSCIENTIFIC GOMORI'S METHENAMINE SILVER NITRATE STAIN KIT

Kit Size	Part Number	
8 oz or 16 oz	K016	

# POLYSCIENTIFIC GOMORI'S METHANAMINE SILVER STAIN PROCEDURE

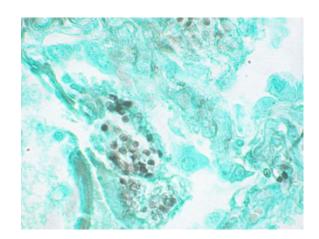
- 1. Deparaffinize and hydrate to 6 changes of DI water.
- Place in 5% Chromic Acid Aqueous for 1 hour at room temperature.
- 3. Wash well in water until all Chromic Acid is removed.
- 4. Place in Sodium Meta-Biosulfite 1% Aqueous for 1 minute.
- 5. Wash well and rinse in 6 changes of DI water.
- 6. Place in working Methenamine/Silver Solution\* and incubate at 58-60°C. Use paraffin coated forceps to remove slid for solution. Check under microscope. Pneumocystis should be dark brown to black against a golden brown background. If not adequate, replace solution and check control every 10 minutes.
  - \*Prepare solution at time of use. Solution expires after one use.
- 7. Rinse in 6 changes of DI water.
- 8. Place in 2 dips of Gold Chloride 0.2% Aqueous.
- 9. Rinse well in running tap water.
- Pace in Sodium Thiosulfate 2% Aqueous for 2 minutes to remove excess silver.
- 11. Rinse well in running tap water.
- Counterstain in Fast Green Substitute for Light Green 0.2% Aqueous for 1 minute.
- 13. Dehydrate in 95% Alcohol and Absolute Alcohol, 2 changes each
- 14. Clear in Xylene, 2 changes each.
- Coverslip with Acrymount Plus or any other acceptable mounting medium.

## **RESULTS**

Pneumocystis jirovecii – Gray to Black Background – Green

This protocol is a recommendation only. Modifications may be necessary.

Please contact productsupport@statlab.com with any additional questions.





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