

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.
2. 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.
10. Pace in Sodium Thiosulfate 2% Aqueous for 2 minutes to remove excess silver.
11. Rinse well in running tap water.
12. 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.
15. 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.

