

This procedure is available in kit form from:
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cat# cy006

GRAM WEIGERT STAIN PROCEDURE

- SOLUTIONS:**
1. Eosin Y 1% Aqueous
 2. Crystal Violet Stirling
 3. Grams Iodine

STAINING PROCEDURE:

Note: Begin with step 1 for paraffin sections and step 3 for smears.

1. Deparaffinize with Xylene, 2 changes for 5 minutes.
2. Hydrate through Absolute Alcohol, 95%, 80%, and 70% Alcohols, 2 changes and 15 dips each.
3. Wash in distilled water, 15 dips.
4. Stain in Eosin Y 1% Aqueous for 5 minutes.
5. Wash in water, 15 dips.
6. Stain in Crystal Violet Stirling for 10 minutes for paraffin sections and 5 minutes for smears and frozen sections.
7. Flood slides with Grams Iodine to wash off Crystal Violet Stirling and then place slides in Grams Iodine for 3 minutes.
8. Blot with filter paper.
9. Place slides in a mixture of Aniline Oil and Xylene 1:1 for 5 minutes. Agitate slowly until no color rinses out.
10. Blot with filter paper.
11. Clear in Xylene, 2 changes, 15 dips each.
12. Mount with Poly Mount (cat# s2153) or any other acceptable mounting medium.

RESULTS:

Pneumocystis (Cyst Wall).....	Violet
Gram Positive Bacteria & Fungi	Violet
Gram Negative Bacteria	Not Stained
Fibrin	Blue Black