

## Gomoris' Methenamine Silver for Urate Crystals

**Catalog #:** 26614-Series

### Fixation:

Absolute Alcohol at 4°C for overnight.

### Sections:

Paraffin @ 4 - 5 microns

### Staining Procedures:

1. Deparaffinize to Xylene and rinse with 3 changes of absolute alcohol.
2. Place slides in preheated working\* Methenamine Silver. Incubate for 30 minutes @60°C.

### To prepare working solution:

Methenamine-Silver Nitrate Stock Solution:

Silver Nitrate, 5% (#26614-01) - 5 ml

Methenamine, 3% (#26614-02) - 100 ml

### Methenamine-Silver Nitrate Working Solution:

Methenamine Silver-Nitrate Stock Solution: - 25 ml

Distilled water: - 25 ml

Sodium Borate, 5% (#26614-03): - 2 ml

Prepare fresh prior to use. DO NOT USE IF CLOUDY. Urate Crystals should be black

1. Rinse sections in distilled water.
2. Tone with Gold Chloride, 0.1% (#26614-04) for 5 minutes.
3. Give sections 4 or 5 rinses of distilled water.
4. Sodium Thiosulfate, 3% (#26614-05) for 5 minutes.
5. Wash in tap water for 5 minutes.
6. Rinse in distilled water.
7. Counterstain in Light Green Working Solution (#26614-06) for 2 minutes.
8. Dehydrate, clear and mount with Permount (#17986-01) or any synthetic resin

### Stain Results:

Urate Crystals	Black
Background	Green

### References:

Sheehan, Denza C. and Hrapchak, Barbara B. Theory and Practice of Histotechnology, 2nd ed. The C.V. Mosby Company, St. Louis, p.225 – 226, c. 1980.