



## Mucicarmine Stain Kit, Southgate

### Solutions Provided:

- #SSC1060-250 - **PureView™ Iron Hematoxylin, Solution A**
- #SSC1061-250 - **PureView™ Iron Hematoxylin, Solution B**
- #SSC1098-250 - **Mucicarmine Stock Solution**
- #SSC1094-250 - **Metanil Yellow, 0.25%**

Working solution preparation (*prepare just before use*):

### Working Iron Hematoxylin Solution

PureView™ Iron Hematoxylin, Solution A:	25mL
PureView™ Iron Hematoxylin, Solution B:	25mL

### Working Mucicarmine Solution

Mucicarmine Stock Solution:	10mL
Distilled Water:	40mL

### Conventional Procedure

1. Deparaffinize and hydrate sections through alcohol to distilled water.
2. Stain in **Working Iron Hematoxylin Solution** for **7 minutes**
3. Rinse slides in running tap water for 10 minutes.
4. Stain in **Working Mucicarmine Solution** for **1 hour**.
5. Quickly rinse slides in distilled water and make sure excess water has been removed before the next step.
6. Stain in **Metanil Yellow, 0.25%** for **30 seconds to 1 minute** or until desired intensity is reached.
7. Dehydrate in 2-3 changes of 95% alcohol followed by 2-3 changes of 100% alcohol.
8. Clear and mount with appropriate mounting medium.

### Results:

Mucin:	Dark Rose to Red
Capsule of Cryptococcus:	Dark Rose to Red
Nuclei:	Black
Other Tissue Elements:	Yellow