



Instructions For Use SMS-2-IFU

Rev. Date: April 21, 2016

Revision: 3

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P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 – Tel. (435) 755-9848 - Fax (435) 755-0015 - www.scytek.com

Mucicarmin Stain Kit (Modified Southgate's)

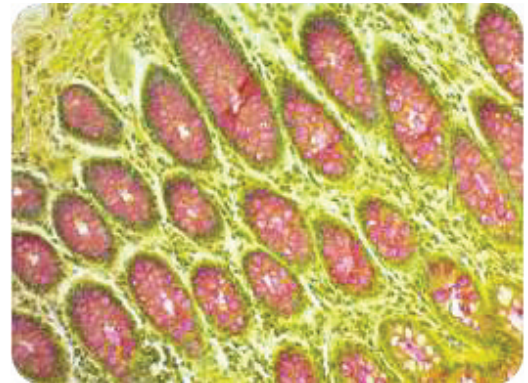
Description:

Mucicarmin Stain Kit (Modified Southgate's) is intended for use in the histological visualization of acid mucopolysaccharides in tissue sections. This product is useful in distinguishing mucin negative undifferentiated squamous cell lesions from mucin positive adenocarcinomas. In addition, this product will stain the mucopolysaccharide capsule of *Cryptococcus neoformans*.

| | |
|----------------------------------|---------------|
| Mucin: | Pink/Red |
| Capsule of <i>Cryptococcus</i> : | Red |
| Nuclei: | Blue to Green |
| Other tissue components: | Yellow |

Uses/Limitations:

Not to be taken internally.
For In-Vitro Diagnostic use.
Histological applications.
Do not use if reagents become cloudy.
Do not use past expiration date.
Use caution when handling reagents.
Non-Sterile.



Control Tissue:

Colon
Intestine
Bronchi Epithelial cells

Ordering information regarding individual components on back page!

Kit Contents:

| <u>Item #</u> | <u>Kit Contents</u> | <u>Volume</u> | <u>Storage</u> |
|---------------|----------------------|---------------|----------------|
| HMM030 | Hematoxylin, Mayer's | 30 ml | 18-25°C |
| BRT030 | Bleuing Reagent | 30 ml | 18-25°C |
| SMG030 | Mucicarmin Solution | 30 ml | 2-8°C |
| TZQ030 | Tartrazine Solution | 30 ml | 18-25°C |

Precautions:

Avoid contact with skin and eyes.
Harmful if swallowed.
Follow all Federal, State, and local regulations regarding disposal.

Storage: 2° C



25° C

**Mixed Storage Conditions.
Separate Contents.**

Doc: IFU-TemplateMixedStoragerev2



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Procedure:


1. Deparaffinize sections if necessary and hydrate to distilled water.
2. If sections are Zenker-fixed, remove mercuric chloride crystals using iodine and clear with sodium thiosulfate. Rinse in running tap water.
3. Apply 5-10 drops of Hematoxylin and incubate tissue section for 2-3 minutes.
4. Rinse for 2 minutes in running tap water.
5. Apply 5-10 drops of Bluing Reagent and incubate tissue section for 30 seconds.
6. Rinse slide in distilled water.
7. Apply 5-10 drops of working Mucicarmine Solution and incubate tissue section for 10 minutes.
8. Rinse quickly in tap water followed by a quick rinse in distilled water.
9. Apply 5-10 drops of Tartrazine Solution and incubate tissue section for 1 minute.
10. Rinse slide 1 time in absolute alcohol.
11. Dehydrate slide quickly in 3 changes of absolute alcohol.
12. Clear in 2 changes of xylene or xylene substitute, and mount in synthetic resin.

References:

1. Sheenan, D.C., Hrapchak, B.B. Theory and Practice of Histotechnology, 2nd Edition. Battelle Press, Columbus, OH. Pages 172-173.


Bulk Reagent Ordering Information and Current Pricing at www.scytek.com

| Description: | Catalog # | Volume |
|---|-----------|----------|
| Hematoxylin, Mayer's (Lillie's Modification) | HMM500 | 500 ml |
| | HMM999 | 1000 ml |
| | HMM3800 | 1 Gallon |
| Bluing Reagent | BRT500 | 500 ml |
| | BRT999 | 10000 ml |
| | BRT3800 | 1 Gallon |
| Mucicarmine Solution (Southgate's) | SMG125 | 125 ml |
| | SMG500 | 500 ml |
| | SMG999 | 1000 ml |
| Tartrazine Solution | TZQ125 | 125 ml |
| | TZQ500 | 500 ml |
| | TZQ999 | 1000 ml |

Storage: 2° C  25° C

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