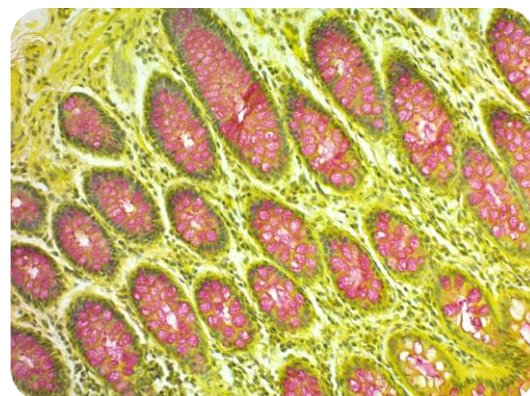


P.O. Box 3286 - Logan, Utah 84323, U.S.A. - Tel. (800) 729-8350 - Fax (435) 755-0015 - www.scytek.com

Mucicarmine Solution (Southgate's)

Description: Mucicarmine Solution (Southgate's) is a component of the Mucicarmine Stain Kit (Catalog# SMS-1) and is intended for use in the histological visualization of acid mucopolysaccharides in tissue sections. Mucicarmine Solution is the component responsible for staining Mucin red. 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 Cryptococcus:	Red
Nuclei:	Blue to Green
Other tissue components:	Yellow



Uses/Limitations: For In-Vitro Diagnostic use only.
 Histological applications.
 Do not use past expiration date.
 Use caution when handling these reagents.

Control Tissue: Colon
 Intestine
 Bronchi Epithelial cells


Availability/Contents:


<u>Item #</u>	<u>Contents</u>	<u>Volume</u>	<u>Storage Conditions</u>
SGM125	Mucicarmine Solution	125 ml	2-8° Centigrade
SGM500		500 ml	
SGM999		1000 ml	

Required But Not Included:


HMM125	Hematoxylin, Mayer's (125 ml)	Room Temperature
BRT125	Bluing Reagent (125ml)	Room Temperature
TZQ125	Tartrazine Solution (125 ml)	Room Temperature

Precautions: Keep away from open flame.
 Avoid contact with skin and eyes.
 Harmful if swallowed.
 Follow all Federal, State, and local regulations regarding disposal.

Storage: 2° C  8° C

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 Emergo Europe
 Prinsessegracht 20
 2514 AP The Hague, The Netherlands

Instructions For Use

SMG-IFU

Rev. Date: Mar. 22, 2019

Revision: 2

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
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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. Stain slide in Hematoxylin for 2-3 minutes.
4. Rinse for 2 minutes in running tap water.
5. Dip slide in Bluing Reagent for 30 seconds.
6. Rinse slide in distilled water.
7. Stain slide in Mucicarmine Solution for 10 minutes.
8. Rinse quickly in tap water followed by a quick rinse in distilled water.
9. Stain slide in Tartrazine Solution 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.

Storage: 2° C  8° C ScyTek Laboratories, Inc.
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