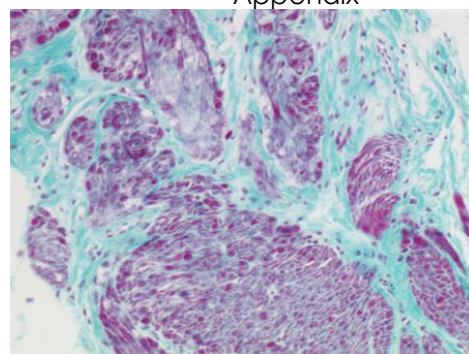


Trichrome Stain Kit (Modified Gomori Green)

Description: The Trichrome Stain Kit (Modified Gomori Green) is intended for use in the histological visualization of collagenous connective tissue fibers in tissue sections. The Gomori Trichrome is a more simplified procedure than other more traditional trichromes. Additionally, this procedure is useful in the assessment of the degree of fibrosis in liver biopsies.

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

Control Tissue: Lung
 Uterus
 Small Intestine
 Appendix



Results:

Collagen:	Green/Blue
Muscle Fibers:	Red
Nuclei:	Black/Blue

Kit Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
SSC-BNF125	Bouin's Fluid	125 ml	18-25°C
SSC-HWI-A-125	Hematoxylin, Weigert's Iron (Part A)	125 ml	18-25°C
SSC-HWI-B-125	Hematoxylin, Weigert's Iron (Part B)	125 ml	18-25°C
SSC-TGG125	Trichrome Stain Solution (Green)	125 ml	18-25°C
SSC-AAD250	Acetic Acid Solution (0.5%)	250 ml	18-25°C
SSC-AAL250	Acid Alcohol Solution (0.5%)	250 ml	18-25°C

For information regarding ordering individual components, please contact us at: 800-442-3573.

Control Slides Available. Catalog: CS-TRI-L/25, Trichrome, 25/pack

Precautions: Keep away from open flame.
 Avoid contact with skin and eyes.
 Harmful if swallowed.
 Follow all Federal, State, and local regulations regarding disposal.
 Use in chemical fume hood whenever possible.



Instructions For Use **IFU-071** **SSK-TRI(GOMORI)GREEN**

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Procedure:

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Preheat Bouin's Fluid in a water bath to 62° - 64° centigrade in a fume hood or very well ventilated area.
3. Place slides in preheated Bouin's Fluid for 60 minutes followed by a 10 minute cooling period.
4. Rinse slide in tap water until section is completely clear.
5. Rinse 1 time in distilled water.
Note: Use mixed Hematoxylin, Weigert's Iron immediately and dispose of directly thereafter.
6. Mix an equal volume of Hematoxylin, Weigert's Iron (Parts A and B) and apply to tissue section for 5 minutes.
7. Rinse slide in tap water for 2 minutes.
8. Apply Acid Alcohol Solution (0.5%) to slide for 5 seconds to adjust pH and remove excess stain.
9. Rinse slide in tap water for 1 minute.
10. Rinse slide 1 time in distilled water.
11. Apply Trichrome Stain (Green) to tissue section and incubate for 15 minutes.
12. Rinse slide quickly in distilled water.
13. Apply Acetic Acid Solution (0.5%) to tissue section for 10 seconds.
14. Rinse slide using absolute alcohol.
15. Dehydrate in 2 changes of absolute alcohol, clear, and mount in synthetic resin.

References:

1. Gomori, G.L., A rapid one-step trichrome. Amer J of Clinical Pathology. Vol. 20: page 661, 1950.
2. Manual of Histologic Staining Methods of AFIP. 3rd Edition, McGraw-Hill Publishing. Page 93, 1968.
3. Elbadawi, A., Hexachrome modification of Movat's stain. Stain Technology, Vol. 51: pages 249-253, 1976.
4. Carson, F.L., Histotechnology; A Self-Instructional Text, 2nd Edition. ASCP Press, Chicago, IL. Pages 117-121, 1996.
5. Tretheway, D., et al. Should Trichrome Stain Be Used on All Post-Liver Transplant Biopsies with Hepatitis C Virus Infection To Estimate the Fibrosis Score? Liver Transplantation, May; 14(5): pages 695-700, 2008.



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Lot-to-Lot Validation Form Trichrome Stain Kit Catalog: SSK-TRICH(GREEN)

Kit Lot Number: _____
Kit Expiration Date: _____
Date Tested: _____
Control Tissue (#) _____
Approved for Use: Y/N _____
Date put into use: _____
If not approved,
corrective actions
taken: _____
Approved by: _____

Kit Component	Lot #
Bouin's Fluid	_____
Weigert's Iron, Hematoxylin (A)	_____
Weigert's Iron, Hematoxylin (B)	_____
Trichrome Stain (Green)	_____
Acetic Acid, (1%) Solution	_____
Acid Alcohol Solution	_____

Replacement Component if used	Replacement Date	Lot #	Accepted Y/N	Comments
Bouin's Fluid				
Weigert's Iron, Hematoxylin A				
Weigert's Iron, Hematoxylin B				
Trichrome Stain (Green)				
Acetic Acid, (1%) Solution				
Acid Alcohol Solution				
Approved By: _____				

Note: Individual components are designed to be interchangeable with StatLab kits when both are produced by StatLab and have identical catalog numbers (e.g. SSC-BNF may be ordered as an individual component to replace Bouin's Fluid that is supplied with kit).

StatLab is providing this form to assist with reagent lot validation as stated in CLIA'88 Standard 493.1256-For reagent(s), the laboratory must do the following: Check each batch (prepared in-house), lot number (commercially prepared) and shipment of reagents, stains, and identification systems (systems using two or more substrates or two or more reagents, or a combination) when prepared or opened for positive and negative reactivity, if applicable.