



## Instructions For Use TRG-1-IFU

Rev. Date: Mar. 2, 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](http://www.scytek.com)

# Trichrome Stain Kit (Modified Gomori's)

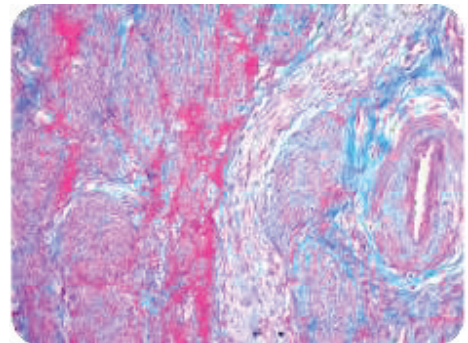
### Description:

The Trichrome Stain Kit (Modified Gomori's) 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.

Collagen: Blue  
Muscle Fibers: Red  
Nuclei: Dark Red to Black/Blue

### 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

### Availability/Contents:

<u>Item #</u>	<u>Kit Contents</u>	<u>Volume</u>	<u>Storage</u>
BNF125	Bouin's Fluid	125 ml	18-25°C
HWI-A-125	Hematoxylin, Weigert's Iron (Part A)	125 ml	18-25°C
HWI-B-125	Hematoxylin, Weigert's Iron (Part B)	125 ml	18-25°C
TGB125	Trichrome Stain Solution (Blue)	125 ml	18-25°C
AAD250	Acetic Acid Solution (0.5%)	250 ml	18-25°C
AAL250	Acid Alcohol Solution (0.5%)	250 ml	18-25°C

Ordering information regarding individual components on back page!

### 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.

Storage: 18° C



25° C



ScyTek Laboratories, Inc.  
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Logan, UT 84321  
U.S.A.



 EmergoEurope (31)(0) 70 345-8570  
Molsstraat 15  
2513 BH Hague, The Netherlands

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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 (Blue) 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. 3<sup>rd</sup> 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, 2<sup>nd</sup> 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.*

Storage: 18° C  25° C ScyTek Laboratories, Inc.  
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Bulk Reagent Ordering Information and Current Pricing at [www.scytek.com](http://www.scytek.com)

<i>Description:</i>	<i>Catalog #</i>	<i>Volume</i>
<i>Bouin's Fluid</i>	<i>BNF125</i>	<i>125 ml</i>
	<i>BNF500</i>	<i>500 ml</i>
	<i>BNF999</i>	<i>1000 ml</i>
<i>Hematoxylin, Weigert's Iron Kit (Two Components)</i>	<i>HWI-1</i>	<i>250 ml</i>
	<i>HWI-2</i>	<i>1000 ml</i>
	<i>HWI-3</i>	<i>2000 ml</i>
<i>Trichrome Stain Solution (Blue)</i>	<i>TGB125</i>	<i>125 ml</i>
	<i>TGB500</i>	<i>500 ml</i>
	<i>TGB999</i>	<i>1000 ml</i>
<i>Acetic Acid Solution (0.5%)</i>	<i>AAD250</i>	<i>250 ml</i>
	<i>AAD500</i>	<i>500 ml</i>
	<i>AAD999</i>	<i>1000 ml</i>
<i>Acid Alcohol Solution (0.5%)</i>	<i>AAL250</i>	<i>250 ml</i>
	<i>AAL500</i>	<i>500 ml</i>
	<i>AAL999</i>	<i>1000 ml</i>

Storage: 18° C  25° C



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