

# Trichrome Stain Solution (Green)

## (Modified Gomori's)

**Description:** The Trichrome Stain Solution (Green) is a component of the Trichrome Stain Kit (Modified Gomori's) and is intended for use in the histological visualization of collagenous connective tissue fibers in tissue sections.

Collagen:	Green
Muscle Fibers:	Red
Nuclei:	Black/Blue (Hematoxylin)

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

**Control Tissue:** Lung  
 Uterus  
 Small Intestine  
 Appendix

**Storage:** Room Temperature (18-25° C.)


**Availability/Contents:**

<u>Item #</u>	<u>Volume</u>
TGG125	125 ml
TGG500	500 ml
TGG999	1000 ml

**Required but Not Included:**

<u>Item #</u>	<u>Kit Contents</u>
BNF125	Bouin's Fluid
HWI-250	Weigert's Iron, Hematoxylin
AAD250	Acetic Acid Solution
AAL250	Acid Alcohol Solution

Storage: 18° C  25° C

 ScyTek Laboratories, Inc.  
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**CE** Authorized Representative in  
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# Instructions For Use TGG-IFU

Rev. Date: Aug. 31, 2016

Revision: 4

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**Precautions:** 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.

## Procedure (Standard):

1. Deparaffinize sections if necessary and hydrate to distilled water.
2. Preheat Bouin's Fluid (BNF) 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 (BNF) for 60 minutes followed by a 10 minute cooling period.
4. Rinse slide in tap water until section is completely clear.
5. Rinse once in distilled water.
6. Stain slide with working Weigert's Iron Hematoxylin (HWI) for 5 minutes.
7. Rinse slide in tap water for 2 minutes.
8. Apply Acid Alcohol Solution (AAL) to slide for 5 seconds to adjust pH.
9. Rinse slide in tap water for 1 minute.
10. Rinse slide in distilled water.
11. Apply Trichrome Stain Solution (Green) to tissue section for 15 minutes.
12. Rinse slide in distilled water.
13. Apply Acetic Acid Solution (AAD) to tissue section for 10 seconds.
14. Rinse slide in distilled water.
15. Dehydrate through graded alcohol, clear, and mount in synthetic resin.

Storage: 18° C



25° C



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## 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.

Storage: 18° C



25° C



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