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.

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

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

Control Tissue: Lung, Uterus, Small Intestine, Appendix

Availability/Contents:

<table>
<thead>
<tr>
<th>Item #</th>
<th>Kit Contents</th>
<th>Storage Conditions</th>
</tr>
</thead>
<tbody>
<tr>
<td>BNF125</td>
<td>Bouin’s Fluid (125 ml)</td>
<td>Room Temperature</td>
</tr>
<tr>
<td>HWI-250</td>
<td>Weigert’s Iron, Hematoxylin (250 ml)</td>
<td>Room Temperature</td>
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<tr>
<td>TGB125</td>
<td>Trichrome Stain (125 ml)</td>
<td>Room Temperature</td>
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<tr>
<td>AAD250</td>
<td>Acetic Acid Solution (250 ml)</td>
<td>Room Temperature</td>
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<tr>
<td>AAL250</td>
<td>Acid Alcohol Solution (250 ml)</td>
<td>Room Temperature</td>
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</tbody>
</table>

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.
Procedure (Standard):

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 once in distilled water.
6. Stain slide with working Weigert’s Iron Hematoxylin for 5 minutes.
7. Rinse slide in tap water for 2 minutes.
8. Apply Acid Alcohol solution 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 to tissue section for 15 minutes.
12. Rinse slide in tap water for 1 minute.
13. Rinse slide in distilled water.
14. Apply Acetic Acid solution to tissue section for 10 seconds.
15. Rinse slide in distilled water.
16. Dehydrate through graded alcohol, clear, and mount in synthetic resin.

References: