

Blueing•Solution Histo™

Catalog #3900

Intended Use

Blueing•Solution Histo™ is a blueing solution designed specifically for use in histology. It blues all hematoxylin rapidly without causing loss of tissues sections from slides when used as directed.

General Information

Blueing•Solution Histo™ is a blueing reagent that causes rapid blueing of hematoxylin, yet it minimizes detachment of tissue sections from glass slides. It rapidly blues within 15 seconds. Hematoxylin with aluminum mordants display bright blue or clear dark blue nuclear staining. Nuclei show crisp nuclear membranes, parachromatin clearing, and distinct nucleoli. Following blueing with this reagent, non-nuclear structures stain brightly with eosin, and eosin differentiation by dehydrating reagents works superbly.

Packaging

| Catalog # | Volume |
|-----------|--------|
| 3900 | 1 gal |

Fixation Procedure

Blueing Solution•Histo™ works well with hematoxylin staining of all tissues sections regardless of the fixative used. The time of use (15 seconds) remains the same with all fixatives. Blueing•Solution Histo™ is designed to perform optimally with hematoxylin following fixation of tissues with 10% neutral buffered formalin and other routine fixatives.

Staining Procedure

BBC RECOMMENDED AUTOMATED AND MANUAL
HISTOLOGY STAINING PROCEDURE FOR HARRIS
HEMATOXYLIN AND EOSIN

*Initially deparaffinize tissue sections with BBC S1™ or Xylene

| Step | Solution | Time |
|------|-------------------------------------|-------------|
| 1. | 100% Alcohol | 20 seconds |
| 2. | 100% Alcohol | 20 seconds |
| 3. | 95% Alcohol | 20 seconds |
| 4. | 95% Alcohol | 20 seconds |
| 5. | 70% Alcohol | 20 seconds |
| 6. | Running H ₂ O Wash..... | 30 seconds |
| 7. | BBC Harris Hematoxylin | 3-5 minutes |
| 8. | Running H ₂ O Wash | 1 minute |
| 9. | BBC Acid Wash•Histo™ | 1 minute |
| | or BBC Acid Alcohol•Histo™ | 2-3 dips |
| 10. | Running H ₂ O Wash..... | 1 minute |
| 11. | BBC Blueing Solution•Histo™ | 15 seconds |
| 12. | Running H ₂ O Wash..... | 1 minute |

13. 70% Alcohol..... 30 seconds
14. BBC Special Eosin I™ or II™, or
Eosin Y, or Eosin Y
w/ Phloxine B..... 45 seconds
15. BBC S2•Histo™ 20 seconds
16. BBC S2•Histo™ 20 seconds
17. BBC S2•Histo™ 20 seconds
18. BBC S2•Histo™ 20 seconds
19. BBC S2•Histo™ 20 seconds
20. BBC S3™ or Xylene 20 seconds
21. BBC S3™ or Xylene 30 seconds
22. BBC S3™ or Xylene 30 seconds
23. Mount and coverslip with Optic Mount I™ or an
appropriate mounting medium.

Note: Each of these reagents can be intermixed and used with other staining sequences and other manufacturer's reagents.