



Mayer's Hematoxylin

- Intended Use -

Mayer's Hematoxylin is an alcohol and mercury-free hematoxylin for progressive staining in histology. This hematoxylin produces clear, sharp nuclear staining with minimal background. This formula is optimized for maximum consistency.

- General Information -

Mayer's Hematoxylin is used for routine H&E and immunochemistry.

- Staining Procedure -

I. *Initially deparaffinize tissue sections with CDI's Zero Xylene™ or Xylene

- 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 H₂O Wash ----- 30 seconds
- 7. CDI's Mayer's Hematoxylin ----- 1-3 minutes
- 8. Running H₂O Wash ----- 1 minute
- 9. CDI's Scott's Tap Water or PH Blue ---- 15 seconds
- 10. Running H₂O Wash ----- 1 minute
- 11. 70% Alcohol ----- 30 seconds
- 12. Eosin Y, or Eosin Y w/ Phloxine B ----- 45 seconds
- 13. 100% Alcohol ----- 20 seconds
- 14. 100% Alcohol ----- 20 seconds
- 15. 100% Alcohol ----- 20 seconds
- 16. 100% Alcohol ----- 20 seconds
- 17. 100% Alcohol ----- 20 seconds
- 18. CDI's Zero Xylene™ or Xylene ----- 20 seconds
- 19. CDI's Zero Xylene™ or Xylene ----- 30 seconds
- 20. CDI's Zero Xylene™ or Xylene ----- 30 seconds
- 21. Mount and coverslip with CoverSeal™ or an appropriate mounting medium.

- Packaging -

Catalog#	Volume
	Mayer's Hematoxylin
CM3951	Gal. (3.8L)
CM3952	Liter (1000mL)
CM3953	500mL
	- Other Referenced Solutions -
AL0100	100% Alcohol, Gal. (3.8L) CS/4
AL0095	95% Alcohol, Gal. (3.8L) CS/4
AL0070	70% Alcohol, Gal. (3.8L) CS/4
CM4951W	Scotts Tap Water, Gal. (3.8L)
EM000G	Eosin Y, Alcoholic, Gal. (3.8L)
EM00PG	Eosin Y, w/ Phloxine B, Gal. (3.8L)
XY1004	Xylene, Gal. (3.8L) CS/4
XS1004	Zero Xylene, Gal. (3.8L) CS/4

