



# 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 H <sub>2</sub> O Wash  | ----- | 30 seconds  |
| 7.  | CDI's Mayer's Hematoxylin  | ----- | 1-3 minutes |
| 8.  | Running H <sub>2</sub> O Wash  | ----- | 1 minute    |
| 9.  | CDI's Scott's Tap Water or PH Blue                                     | ----  | 15 seconds  |
| 10. | Running H <sub>2</sub> O 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
	<b>Mayer's Hematoxylin</b>
CM3951	Gal. (3.8L)
CM3952	Liter (1000mL)
CM3953	500mL
	<b>- Other Referenced Solutions -</b>
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

