



# Harris Hematoxylin

## - Intended Use -

Harris Hematoxylin formulations produce rapid and distinctive nuclear staining and have been ripened to their peak of staining prior to shipping.

## - General Information -

Unless specifically requested, none of our hematoxylin contains Mercury. All hematoxylin are manufactured according to strict quality control parameters and usually are standard formulations enhanced to achieve superior performance and results. CDI's Harris Hematoxylin (without Mercury) is formulated for routine regressive hematoxylin and eosin staining in histology. CDI's Harris Hematoxylin produces crisp nuclear membranes and nucleoplasm, precise nucleoli staining, and chemically efficient cytoplasmic carboxyl and sulfate groups to promote excellent differentiation of eosin as a counterstain.

## - Mode of Action -

Hematoxylin is a basic dye (hematein-aluminum complex), and ours produces consistently stained tissue sections. Our Harris hematoxylin has the proper pH and oxidation, the ideal amount of special added differentiators, and the correct amount of aluminum for a long shelf life and optimum staining power at time of shipment.

## - Staining Procedure -

\*Initially deparaffinize tissue sections with Xylene or Zero Xylene™

1. 100% Alcohol ----- 1 Minute
2. 100% Alcohol ----- 1 Minute
3. 95% Alcohol ----- 1 Minute
4. 95% Alcohol ----- 1 Minute
5. 70% Alcohol ----- 1 Minute
6. Running H<sub>2</sub>O Wash ----- 1 Minute
7. CDI's Harris Hematoxylin ----- 3-4 minutes
8. Running H<sub>2</sub>O Wash ----- 1 minute
9. Acid Alcohol ----- 2-3 seconds
10. Running H<sub>2</sub>O Wash ----- 1 minute
11. Scotts Tap Water or pH Blue ----- 15 seconds
12. Running H<sub>2</sub>O Wash ----- 1 minute
13. 70% Alcohol ----- 1 Minute
14. Eosin Y, or Eosin Y w/ Phloxine B ----- 30-60 seconds
15. 100% Alcohol ----- 1 Minute
16. 100% Alcohol ----- 1 Minute
17. 100% Alcohol ----- 1 Minute
18. 100% Alcohol ----- 1 Minute
19. 100% Alcohol ----- 1 Minute
20. CDI's Zero Xylene™ or Xylene ----- 1 Minute
21. CDI's Zero Xylene™ or Xylene ----- 1 Minute
22. CDI's Zero Xylene™ or Xylene ----- 1 Minute
23. Mount and coverslip with CoverSeal™ or an appropriate mounting medium.

## - Packaging -

Catalog#	Volume
<b>Harris Hematoxylin</b>	
SH5777	Gal. (3.8L)
SH4777	Liter (1000mL)
SH3777	500mL
<b>Harris Hematoxylin (Acidified)</b>	
SH5775	Gal. (3.8L)
SH4775	Liter (1000mL)
SH3775	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
ST0016	Acid Alcohol, 1%, Gal. (3.8L)
CM4951W	Scotts Tap Water, Gal. (3.8L)
16702	PureView™ pH-Blue, 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

