

## Harris Hematoxylin

### PRODUCT INFORMATION:

PS021	2.5 L
PS021	1L
PS021	500ml

### INTENDED USE

*For Laboratory use only*

### SUMMARY

Harris Hematoxylin is suitable for visualization of nuclei in tissue sections and cell preparations. This reagent contains alcohol and is suitable for use with all chromogens commonly used in immunohistochemical (IHC) applications. It may also be used for routine Hematoxylin and Eosin staining. Hematoxylin solutions contain hematein and a metal mordant. Harris Hematoxylin is a regressive stain which requires acid wash after the hematoxylin step. Slides are left in Hematoxylin solution for 8-10 minutes to stain the nuclei followed by destaining with 1% acid alcohol for 2-3 seconds or gentle dip. Then, keep the slides in running tap water or ammonia solution for bluing.

### DESCRIPTION

PathnSitu's Harris Hematoxylin is ready-to-use solution provided in 3 different pack sizes i.e 500ml, 1L and 2.5L.

### STORAGE

Store at Room Temperature. Do not use after expiration date printed on the bottle. If reagents are stored under conditions other than those specified in the package insert, the user must verify them. Further dilution of this solution may lead to sub optimal staining.

### STAINING PROCEDURE

1. Cover tissue sections or cell preparations for 8-10 minutes with Hematoxylin.
2. Rinse under tap water to remove excess reagent.
3. Place the slides in 1% acid alcohol for 2-3 seconds or a gentle dip.
4. Rinse the slides in running tap water for 2 minutes.
5. Place in bluing reagent (Alkaline solution such as a weak ammonia solution, 0.08% in water) or running tap water until stain is blue (approximately 60 - 120 seconds). Check under microscope for optimal bluing.
6. Process slides for next step (either Eosin if the slide is for H&E or dehydration and/or mounting procedures).

### STAINING INTERPRETATION

Harris Hematoxylin stains the cell nuclei in blue color.

### TROUBLESHOOTING

Store Harris Hematoxylin, in its original container at room temperature. If the staining power is in question, add a few drops of Hematoxylin to 50 mL of tap water. When the Hematoxylin is good, the water will turn a bright, clear purple to blue color. Exhausted solutions will not be clear and bright. For further more questions please contact PathnSitu Technical support at [techsupport@pathnsitu.com](mailto:techsupport@pathnsitu.com) or 040- 27015544.

### BIBLIOGRAPHY

1. <https://www.nottingham.ac.uk/pathology/protocols/harris.html>
2. <http://www.cpl.colostate.edu/pathology/protocols/harris.htm>
3. [https://www.itwreagents.com/itwreagents\\_files/info\\_points/IP-007/en\\_GB.pdf](https://www.itwreagents.com/itwreagents_files/info_points/IP-007/en_GB.pdf)
4. <https://www.nationaldiagnostics.com/histology/protocol/harris-hematoxylin-protocol>

### EXPLANATION OF SYMBOLS

LOT- Lot number / Batch number



- Expiry



Storage limitation

**Laboratory Use Only**