

Product Information

HEMATOXYLIN & EOSIN

(Regressive Method-Harris Hematoxylin)

Procedure HHS

LEICA ST4040™

REAGENTS REQUIRED

Harris Hematoxylin	
Catalog No.	Quantity
HHS-32	1 L
HHS-80	2.5 L
HHS-128	4 L
Eosin Y Alcoholic	
Catalog No.	Quantity
HT110-1-32	1 L
HT110-1-80	2.5 L
HT110-1-128	4 L
Scott's Tap Water (10x)	
Catalog No.	Quantity
S5134	6x100 mL
Reagent Alcohol	
Catalog No.	Quantity
R8382	1 gal, 4x1 gal
Differentiating Solution	
Catalog No.	Quantity
A3179	1 Liter
A3429	4 Liters
Accumate Xylene	
Catalog No.	Quantity
247642	2 Liters

REAGENT PREPARATION

Mix one part Scott's Tap Water concentrate with 9 parts deionized water (i.e. 1 bottle with 900 mLs deionized water). Fill, rotate and replace reagents as necessary.

REAGENT STABILITY

When stored according to label directions, unopened reagents are stable until the expiration date on the label.

NOTE: Stability times are dependent on environmental conditions and reagent handling. Since on-board stability times can vary slightly between laboratories, determination of stability under usual operating conditions is recommended.

PROCEDURAL NOTES

1. Read the "operators manual" for instructions on programming and operating the Leica ST4040™ Linear Stainer.
2. Only the the Leica ST4040™ standard vesrsion with optional load/unload stations can be used for the regressive method Harris Hematoxylin procedure. Please refer to the product insert for specimen processing and further information regarding performance characteristics of the reagent.

3. Fill reagent containers with appropriate solutions.
4. The universal immersion time for the Standard procedure is set for 1 minute.
5. The universal immersion time for the Optional Load Station Procedure is set for 45 seconds.
6. The universal draining time is set for 5 seconds.
7. The agitation function is activated.
8. Enter the parameters and start.

OPTIONAL LOAD/UNLOAD PROCEDURE

Position	Solution
1.	Xylene
2.	Xylene
3.	Xylene
4.	Xylene
5.	Xylene
6.	100% Alcohol
7.	100% Alcohol
8.	100% Alcohol
9.	100% Alcohol
10.	95% Alcohol
11.	Water
12.	Water
13.	Harris Hematoxylin
14.	Harris Hematoxylin
15.	Harris Hematoxylin
16.	Harris Hematoxylin
17.	Water
18.	Water
19.	Water
20.	Differentiating Solution
21.	Water
22.	Water
23.	Scott's Tap Water Sub.
24.	Water
25.	Water
26.	Eosin Y Alcoholic
27.	95% Alcohol
28.	100% Alcohol
29.	100% Alcohol
30.	100% Alcohol
31.	Xylene
32.	Xylene

RESULTS

Nuclear chromatin will stain deep blue. Nucleoli should be conspicuous and crisply outlined. Cytoplasm will stain various shades of pink to pink-orange. Red blood cells will be red.