

ProductInformation

PAPANICOLAOU (PAP) STAIN FOR CYTOLOGIC SPECIMEN

(Regressive Method-Harris Hematoxylin)

LEICA AutoStainer XL Stainer

Procedure HT40-HHS

REAGENTS REQUIRED

Harris Hematoxylin	
Catalog No.	Quantity
HHS-16	500 mL
HHS-32	1 L
HHS-80	2.5 L
HHS-128	4 L
Papanicolaou Stain, OG-6	
Catalog No.	Quantity
HT40-1-16	500 mL
HT40-1-32	1 L
HT40-1-80	2.5 L
HT40-1-128	4 L
Papanicolaou Stain, EA-50	
Catalog No.	Quantity
HT40-3-16	500 mL
HT40-3-32	1 L
HT40-3-80	2.5 L
HT40-3-128	4 L
Scott's Tap Water (10x)	
Catalog No.	Quantity
S5134	6x100 mL
Reagent Alcohol	
Catalog No.	Quantity
R8382	1 gal
Differentiating Solution	
Catalog No.	Quantity
A3179	1 Liter
A3429	4 Liters
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 AutoStainer XL Stainer.
2. Please refer to the product insert for specimen processing and further information regarding performance characteristics of the reagent.
3. The Leica AutoStainer XL Stainer can closely emulate hand staining technique in its agitation of slides. Program four dips for the dip agitation.
4. Place xylene in the initial load (hold) station and in the end station.
5. Fill reagent containers (450 mL) with appropriate solutions.
6. Enter the parameters and start.

PROCEDURE

Step	Station	Solution	Time	Exact Time
1.	7	80% Alc	2 min	N
2.	W1	Water	2 min 30 sec	N
3.	8	Harris Hem	4 min	Y
4.	W5	Water	3 min	N
5.	9	Diff Soln	10 sec	Y
6.	W4	Water	1 min 30 sec	Y
7.	W3	Water	2 min	Y
8.	10	Scott's Tap	1 min	Y
9.	W2	Water	2 min	N
10.	12	OG-6	3 min	Y
11.	13	95% Alc	10 sec	Y
12.	14	95% Alc	10 sec	Y
13.	5	EA-50	5 min	Y
14.	15	95% Alc	15 sec	Y
15.	4	95% Alc	15 sec	Y
16.	16	100% Alc	15 sec	Y
17.	3	100% Alc	30 sec	Y
18.	2	100% Alc	30 sec	Y
19.	17	Xylene	1 min	N
20.	18	Xylene	2 min	N
End		(Xylene)		

RESULTS

Nuclei are stained deep blue while cytoplasm will stain various shades of blue, orange, pink or red.