

Product Information

PAPANICOLAOU (PAP) STAIN FOR CYTOLOGIC SPECIMEN

(Progressive Method-Gill's Hematoxylin)

Procedure HT40-GHS

LEICA ST4040™

REAGENTS REQUIRED

Gill's Hematoxylin 2

Catalog No.	Quantity
GHS-2-32	1 L
GHS-2-80	2.5 L
GHS-2-128	4 L

Papanicolaou Stain, OG-6

Catalog No.	Quantity
HT40-1-32	1 L
HT40-1-80	2.5 L
HT40-1-128	4 L

Papanicolaou Stain, EA-50

Catalog No.	Quantity
HT40-3-32	1 L
HT40-3-80	2.5 L
HT40-3-28	4 L

Scott's Tap Water (10x)

Catalog No.	Quantity
S5134	6x100 mL

Reagent Alcohol

Catalog No.	Quantity
R8382	1 gal, 4x1 gal

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. The standard version Leica ST4040™ with optional load/unload station is not necessary for the Papanicolaou Procedure.
3. Please refer to the product insert for specimen processing and further information regarding performance characteristics of the reagent.
4. Fill reagent containers with appropriate solutions.
5. The universal immersion time for the Papanicolaou procedure is set for 1 minute.
6. The universal draining time is set for 5 seconds.
7. The agitation function is activated.
8. Enter the parameters and start.

PROCEDURE

Position	Solution
1.	95% Alcohol
2.	80% Alcohol
3.	Water
4.	Water
5.	Gill's Hematoxylin 2
6.	Gill's Hematoxylin 2
7.	Gill's Hematoxylin 2
8.	Water
9.	Water
10.	Scott's Tap Water Sub.
11.	Water
12.	Water
13.	OG-6
14.	OG-6
15.	OG-6
16.	OG-6
17.	100% Alcohol
18.	EA-50
19.	EA-50
20.	EA-50
21.	EA-50
22.	EA-50
23.	100% Alcohol
24.	100% Alcohol
25.	100% Alcohol
26.	Xylene
27.	Xylene

RESULTS

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