

Product Information

MUCICARMINE STAIN

LEICA AutoStainer XL Stainer

Procedure HT30

REAGENTS REQUIRED

Weigert's Iron Hematoxylin	
Catalog No.	Quantity
HT10-7 (Part A)	500 mL
HT10-9 (Part B)	500 mL
HT10-79 (Set)	500 mL x Part A, 500 mL x Part B
Mucicarmine Solution (Stock)	
Catalog No.	Quantity
HT30-1-8	250 mL
HT30-1-16	500 mL
Tartrazine Reagent	
Catalog No.	Quantity
HT30-2-8	250 mL
Reagent Alcohol	
Catalog No.	Quantity
R8382	1 gal
Xylene	
Catalog No.	Quantity
247642	2 Liters

REAGENT PREPARATION

Mix 250 mL of Weigert's Iron Hematoxylin Part A with 250 mL of Part B. Pour the total volume in the appropriate station. Mix 250 mL of Mucicarmine Stock Solution with 250 mL of tap water. Pour working Mucicarmine Solution in the appropriate station. 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 with appropriate solutions.
6. Enter the parameters and start.

PROCEDURE

Step	Station	Solution	Time	Exact Time
1.	1	Xylene	1 min 30 sec	N
2.	2	Xylene	1 min 30 sec	N
3.	3	Xylene	1 min 30 sec	N
4.	4	100% Alc	1 min 30 sec	N
5.	5	100% Alc	1 min 30 sec	N
6.	6	95% Alc	30 sec	N
7.	7	80% Alc	30 sec	N
8.	W1	Water	3 min 30 sec	N
9.	8	Weigert's	5 min	Y
10.	W5	Water	2 min	Y
11.	W4	Water	3 min	Y
12.	9	Mucicarmine	30 min	Y
13.	W3	Water	2 min 30 sec	Y
14.	10	Tartrazine	20 sec	Y
15.	W2	Water	15 sec	Y
16.	13	95% Alc	5 sec	Y
17.	14	100% Alc	10 sec	Y
18.	15	100% Alc	30 sec	Y
19.	16	100% Alc	1 min	Y
20.	17	Xylene	1 min 30 sec	Y
21.	18	Xylene	2 min	N
End				

Mucin will stain deep rose (magenta) to red. Nuclei will stain black. Other tissue elements will stain bright yellow.