

Our Staining Protocol for Sakura RSG-61 Automatic Slide Stainer Reagents

Reagents:

GENERIC NAME	OUR TRADE NAME	PART NO.	DESCRIPTION
Wright's Stain	Hemastain	21-110	4 x 1 gallon, case
Fixative	Hemastain Fixative	21-210	4 x 1 gallon, case
Buffer, pH 7.1	Hemastain Buffer Powder	21-311	24 Foil Packets

Reagent Preparation:

The choice of stain between our Hemastain and other companies Wright's-Giemsa and other Romanowsky based stains is based on laboratory preference and cost. We believe our Hemastain represents a better value over other Romanowsky based stains, while providing all of the needed colorization of cells and cytoplasm brilliance to peripheral blood smears and bone marrow. However, either will provide excellent slides using the following procedure.

Hemastain and Hemastain Fixative- Ready to use! No Preparation needed.

Buffer Solution- The buffer solution is prepared by dissolving a 4.4 gram packet or vial of powder into 1 Gallon (3.785 l) of Deionized water, to make a working buffer of pH 7.1.

Rinse Tank Solution- The rinse solution is made up of 200 ml of Buffer Solution, add to rinse tank, then add to fill line with Deionized water. Change tank solution daily. Change pump filter material weekly.

Station Preparation and Set-up:

No.	Time:	Reagents:	Ratios:	Amounts:	Description:
1	15 seconds	Fixative	100%	500 ml	Fill the dish to the fill line with Fixative. Keep this dish covered when not in use.
2	2 minutes 30 seconds	Stain	100%	500 ml	Add Stain solution to the fill line. Keep this dish covered when not in use.
3	5 minutes	Stain Buffer Solution	20% 80%	100 ml 400 ml	Add Stain Solution, then Fill the dish to the fill line with Buffer Solution. A green sheen should appear on the surface of the mixture within a few seconds.
4	20 seconds	Rinse Solution Deionized water	100%	500 ml	Set up rinse station according to individual stainer manual instructions. This station is Critical!
5	1 minute	Buffer Solution	100%	500 ml	Fill the dish to the fill line with Buffer Solution.
6	2 minutes	Air Dry	N/A	N/A	Set up according to individual stainer manual instructions. The slides will be dried by the warm air that is forced through an air filter

Call or Fax 1 (800) 851-9844 to order today

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• See Individual product literature for complete product details and descriptions •

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