

Our Staining Protocol for Midas Automatic Slide Stainer Bone Marrows Only!

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% | 250 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% | 250 ml | Add Stain solution to the fill line. Keep this dish covered when not in use. |
| 3 | 5 minutes | Stain Buffer Solution | 20% 80% | 50 ml 200 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 | 20% 80% | 50 ml 200 ml | Set up rinse station according to individual stainer manual instructions. This station is Critical! |
| 5 | 1 minute | Buffer Solution | 100% | 250 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

Sedona Lab Products, LLC • P.O. Box 4627 • Sedona, AZ 8634 • Visa & MasterCard accepted

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

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