

Staining Protocol: *Coulter DxH-800*****

We believe our Hemastain products represent the finest quality and best value over other commercially available Romanowsky-based stain products. Our Hemastain provides all of the brilliance of specialized stains like Wright - Giemsa, with the depth of colorization of cells and cytoplasm brilliance required for both peripheral and bone marrow smears.

Reagents:

Name	Part #	Description
Hemastain (wright's stain)	21-110	4 x 1 gallon case, Wright's Stain
Hemastain Fixative	21-210	4 x 1 Gallon case, Fixative 100% Methanol
Hemastain Buffer	21-311	20 Foil Packets, 4.4gm, 7.1pH

Reagent Preparation:

Hemastain and Hemastain Fixative is shipped ready to use in easy F style plastic bottles. The **Buffer solution** is prepared by using one gallon of Distilled (D.I.) Water to a single packet of our Hemastain Buffer powder. Stable at room temperature for up to 30 days. The **Rinse Solution or Recirculating bath**: Change daily or per shift

Station Preparation and Set-up: Review General Staining Tips Sheet

Station	Time	Reagents	Ratios	Bone Marrow	Description
1	1 minute	Fixative	100%	2 minutes	add to fill line with Fixative
2	2:30 minutes	Stain	100%	5 minutes	add to fill line with Hemastain
3	5 min	Buffer Solution	100%	10 minutes	Add Buffer Solution
4	20 seconds	Fixative & D.I. Water	50/50%	10 seconds	A recirculation bath rinses the slides and removes particulates is an important step.
5	20 seconds	Buffer Solution	100%	20 seconds	Add Buffer Solution
6	2 minutes	None	None	2 minutes	Time and any heat applied to slides should be varied in accordance with Lab Safety Policies and Temperature / Humidity in the lab.

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