

Staining Protocol: *Sysmex****

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/rinse solution** is prepared by using one gallon of Distilled (D.I.) Water. 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 | Station Name | Description |
|---------|-------------|----------|--------|--------------|--|
| 1 | 2 minutes | Stain | 100% | Stain | add to fill line with Hemastain |
| 1 | 4-8 Minutes | Stain | 100% | Dilution | add to fill line with Fixative |
| 2 | 0 | | 0 0 | 0 | Not used |
| 5 | 2 minutes | None | None | | 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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