

# WRIGHT GIEMSA STAIN

## PROCEDURES:

1. Flood slide with Wright's stain; let stand 5 min.
2. Add buffer pH 6.4, so that metallic sheen appears in surface, let stand 5 min.
3. Wash with distilled water, tilt to drain.
4. Flood slide with fresh Giemsa stain, let stand 5 min.
5. Wash with distilled water, wipe back of slide free of water and excess stain.  
Dry in rack.

## REAGENTS:

WRIGHT'S STAIN .1 gm per 60 cc reagent Methanol. Filter before use.

### GIEMSA STAIN

Stock solution: 1.52 gm per 100 cc of glycerine @ 60°C for 10 min.

Add 100 cc of Methanol @ 60°C. Allow to stay overnight and filter.

Working solution: Make fresh daily. To 100cc of pH 6.4 buffer, add 125 drops Stock Giemsa. Mix well (or 1 drop Giemsa to 1 ml buffer 6.4).

BUFFER Giordano's buffer pH 6.4 (M/15) VW&R or Phosphate Buffer

$\text{KH}_2\text{PO}_4$  6.63 gm

$\text{Na}_2\text{HPO}_4 \cdot 12 \text{H}_2\text{O}$  3.20 gm

} 1000 ml