

**B-151    LILLIE'S WRIGHT STAIN**

**Fixation:** Thin smears prepared by streaking a drop of blood over a scrupulously clean slide using a second slide or a cover glass. Fix films immediately in Methyl Alcohol for 2-3 minutes.

**Staining:**

1. Air dry the methyl alcohol-treated blood films.
2. Immerse for 5 minutes in a Coplin jar containing **Lillie's Working Wright Stain**.\*

\*To prepare working stain, mix just before use:

<b><u>Lillie's Wright Stain (B-151-1)</u></b> .....	4 ml
Acetone .....	3 ml
<b><u>Phosphate Buffer (B-151-2)</u></b> .....	2 ml
Distilled Water.....	31 ml

3. Wash in distilled water and air-dry.

**Results:**

Similar in general to Giemsa stain.

Superior to Wright Stain in regard to sharpness of nuclear and parasite staining.

**References:**

Lillie, R.D., Histopathologic Technic and Practical Histochemistry, 3<sup>rd</sup> Edit., McGraw-Hill, NY, 1965.

Clark, G. (ed), Staining Procedures, 3<sup>rd</sup>. edit., Williams & Wilkins Co., Baltimore, c 1973, p 123.