Wright-Giemsa Stain, buffered

Catalogue #: CD005B
Storage: RT
Packing Size: 100mL

Brief Description:

The use of polychrome methylene blue and eosin Y, which are now used in the Wright-Giemsa Stain Solution, was developed by Romanowsky in 1891. He observed that this combination of dyes gave excellent selective staining of blood films. Also in 1891, Giemsa modified Leishman's stain to provide better stain intensity and fine cellular detail. The stain, however, required an extended staining process. The Wright-Giemsa Stain Solution has been developed to incorporate the exceptional brilliance and resolution of cellular details obtained from Giemsa Stain with the rapid staining time of Wright's Stain.

Application:

Ready-To-Use Solution specifically intended to stain human blood cells. For differential cell count.

Experimental Procedures (for blood smear):

- Preparation of blood films: Using any of the conventional techniques, smear a small drop of blood on a clean microscope slide. Allow to air dry.
- Fix by immersing in absolute methanol for 5 min.
- Apply Wright's Stain Buffered Solution for 5 min on a horizontally positioned slide.
- Rinse in Wright-Giemsa Buffer Solution (Cat#: CD044) with three changes, 10 dips each.
- Dry the slide in a tilted position; do not blot-dry.
- Mount a coverglass if desired.

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