

Leishman's stain

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| Cat. No.: | HY-W250151 |
| CAS No.: | 12627-53-1 |
| Target: | Fluorescent Dye |
| Pathway: | Others |
| Storage: | 4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light) |

Leishman's stain

BIOLOGICAL ACTIVITY

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| Description | Leishman's stain is an essential staining tool for for staining of the peripheral blood and bone marrow smears (displayed pale bluish-grey to deep blue under oil-immersion lens) ^[1] . |
| In Vitro | <p>Guidelines (Following is our recommended protocol. This protocol only provides a guideline, and should be modified according to your specific needs)^[1].</p> <ol style="list-style-type: none">1. Prepare stock solution of Sorensen's buffer: Solution A. $\text{Na}_2\text{HPO}_4 \cdot 2\text{H}_2\text{O}$ (9.5 g/L); Solution B. KH_2PO_4 (9.1 g/L).2. Cover the smear with Leishman stain for 2 min.3. Add double volume of Sorensen buffer (6.8 pH) to the slide and mix gently for 15 min.4. Wash off with running water and dry the smear (5 min). <p>MCE has not independently confirmed the accuracy of these methods. They are for reference only.</p> |

REFERENCES

[1]. S Gajendra, et al. Leishman and Giemsa stain: a new reliable staining technique for blood/bone marrow smears. Int J Lab Hematol. 2015 Dec;37(6):774-82.

Caution: Product has not been fully validated for medical applications. For research use only.

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