

Liu's stain Kit

Product name: Liu's stain Kit

Catalog No.: TASS25

Introduction:

Liu's stain, modified from the Romanowsky stain, was developed and published in 1953 by Professor Liu Zhenhui of the Department of Medicine at National Taiwan University. Compared to other staining methods, Liu's stain is particularly fast. It is mainly used for the morphological classification of blood cells. Additionally, it serves as a simple stain for histology and is widely used in clinical bacteriology as a basic staining agent for specimens such as vaginal discharge, sputum, and pus.

Form:

Catalog No.	Size
TASS25-250	250ml

Kit Contents (for 125ml kit):

Kit Contents	Format	Recommend time	Storage
Liu's solution A	Ready to Use,250ml	30 Seconds.	25-28°C
Liu's solution B	Ready to Use,500ml	90 Seconds.	25-28°C

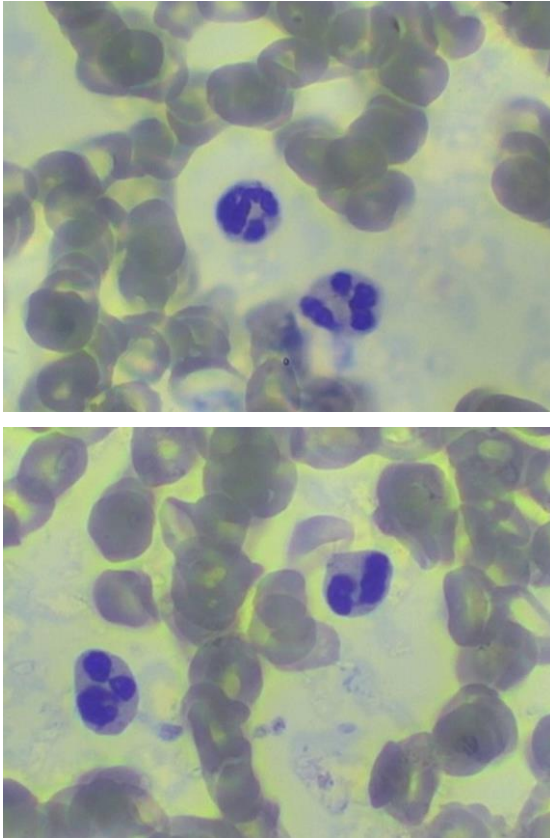
Staining Protocol Recommendations:

1. Drop several drops of Liu's solution A onto the slides for 30 seconds.
2. Add 2 times the volume of Liu's solution B onto the original slides with solution A. Mix solution A and solution B thoroughly.
(It is normal to observe dark-colored precipitates appearing in the dye mixture.)
3. Letting the dye mixture sit for 90 seconds.
4. Quickly rinse the slides with running water to wash away the dye and precipitates.
5. Once the stained slides is air-dried, it can be placed under a microscope for direct observation.

Results:

Cytoplasm 、hemoglobin ----- Red

Nuclei 、basophilic granules of white blood cells----- dark blue to purple



Positive Controls:

Blood cell

Storage and Stability:

Please read the kit contents and follow the storage condition. The user must validate any other storage conditions. When properly stored, the reagent is stable until the date indicated on the label. Do not use the reagent beyond the expiration date. If unexpected results are observed which cannot be explained by variations in laboratory procedures and a problem with the reagent is suspected, contact Technical: info@biotna.net