

刘氏染色液

货号: G1550

规格: 3×100mL/3×500mL

保存: 室温, 避光保存, 有效期 1 年。

产品组成:

名称	3×100mL	3×500mL	保存
试剂(A): 刘氏染色液 A	100mL	500mL	室温, 避光
试剂(B): 刘氏染色液 B	2×100mL	2×500mL	室温, 避光

产品介绍:

刘氏染色液是在 Wright 染色基础上改良而来的一种快速染色方法, 是细胞学检查中常用的染色方法之一。该染色液是根据台湾大学刘祯辉教授所研究的一种新的染色技术所配制, 它与瑞氏染色(Wright Stain)一样, 都是利用 Romanowsky 染色技术原理改良而来的, 染色结果与瑞氏染色和迪夫快速染色也极其相似, 但所需的时间比瑞氏染色要短, 一般 2min 以内即可完成染色。

刘氏染色液主要用于血细胞涂片、骨髓涂片、阴道分泌物涂片、脱落细胞涂片等染色。

操作步骤: (仅供参考)

(一) 标准染色

- 1、常规方法制备血液或骨髓等涂片, 自然干燥。加入刘氏染色液 A 染色 30s。
- 2、滴加刘氏染色液 B 于刘氏染色液 A 上面(滴加量为刘氏染色液 A 的两倍), 轻吹混匀染色 1min。
- 3、水洗、干燥、镜检。

(二) 快速染色

- 1、常规方法制备血液或骨髓等涂片, 自然干燥。滴加刘氏染色液 A, 立即滴加刘氏染色液 B 于刘氏染色液 A 上面(滴加量为刘氏染色液 A 的两倍), 轻吹使其充分混匀染色 10-20s。
- 2、水洗、干燥、镜检。

染色结果:

细菌、细胞核	蓝色
淋巴细胞、嗜碱性粒细胞胞质	紫蓝色或蓝色
嗜酸性颗粒、成熟红细胞	粉红或橘红色

注意事项:

- 1、血液涂片或骨髓涂片应厚薄均匀, 以免影响染色效果。
- 2、血细胞涂片染色要求新鲜全血或 EDTA 抗凝血。
- 3、pH 值对染色有一定影响, 载玻片应清洁、无酸碱污染, 以免影响染色效果。
- 4、为了您的安全和健康, 请穿实验服并戴一次性手套操作。

Liu Stain Kit

Cat: G1550

Size: 3×100mL/3×500mL

Storage: RT, avoid light, valid for 1 year.

Kit Components

Reagent	3×100mL	3×500mL	Storage
Reagent (A): Liu A Solution	100mL	500mL	RT, avoid light
Reagent (B): Liu B Solution	2×100mL	2×500mL	RT, avoid light

Introduction

Liu Stain is a modified fast staining method based on Wright's Staining, which is one of the common staining methods in cytology. This dye is prepared according to a new dyeing technology researched by Professor Liu Zhenhui of Taiwan University. Like Wright stain, it is improved by Romanowsky Stain technology principle. The dyeing result is very similar to that of Wright's Staining and Diff-Quik Staining, but the time needed is shorter than that of Wright's Staining. Generally, the dyeing can be completed within 2 mins.

Liu Stain Kit is mainly used for staining blood cell smear, bone marrow smear, vaginal secretion smear, exfoliated cell smear, etc.

Protocols(for reference only)

(一) Standard Staining

1. Prepare blood or bone marrow smears by routine method and dry naturally. Stain with Liu A Solution.
2. Add Liu B Solution onto Liu A Solution (twice the amount of Liu A Solution), and blow gently to make it well mixed and dyed.
3. Wash, dry and observe.

(二) Quik Staining

1. Prepare blood or bone marrow smears by routine method and dry naturally. Add the section into Liu A Solution and immediately add Liu B Solution onto Liu A Solution (twice the amount of Liu A Solution), and blow gently to make it well mixed and dyed.
2. Wash, dry and observe.

Result

Bacteria, Nucleus	Blue
Lymphocyte, Basophil Cytoplasm	Purple Blue or Blue
Eosinophils, Mature Erythrocytes	Pink Red or Orange Red

Note

1. Blood smear or bone marrow smear should be uniform in thickness, so as not to affect the staining effect.
2. Blood cell smear staining requires fresh whole blood or EDTA anticoagulant.
3. The pH value has certain influence on dyeing. The slide should be clean and free of acid and alkali pollution, so as not to affect the dyeing effect.
4. For your safety and health, please wear experimental clothes and disposable gloves.