

尿沉渣染色液(Sternheimer 法)

货号: G2591

规格: 100mL

保存: 2-8℃, 避光保存, 有效期 3 个月。

产品介绍:

尿沉渣的检测有多种方法, 如定量检查法、离心沉淀检查法、染色检查法等。Sternheimer 染色液属于染色尿沉渣检查法的一种, 由阿利新蓝和派洛宁等组成, 染色后红细胞呈红色或无色, 白细胞呈深蓝、淡蓝或无色。该试剂仅用于科研领域, 不宜用于临床诊断或其他用途。

操作步骤: (仅供参考)

1. 取 0.2ml 尿沉渣, 滴加 1 滴(20 μ L)尿沉渣染色液(Sternheimer 法)混合。
2. 覆盖盖玻片或充入计数板, 放置, 镜检。

染色结果:

红细胞	红色或无色
多形核白细胞	深蓝、淡蓝或无色
鳞状上皮细胞	淡粉红色或紫红色
移行上皮细胞、肾小管上皮细胞	紫红色
细胞管型	淡蓝或深蓝色
管型颗粒	粉红色或深紫色

注意事项:

1. 应准备干净、干燥采尿杯, 一般情况下留取中段尿。
2. 在为了获得细胞沉淀的离心的过程中, 对于特殊细胞, 如果细胞沉淀不充分, 可以适当提高离心力或延长离心时间。
3. 为了保持尿沉渣中细胞成分维持原来的形态特征, 要求迅速送检, 2h 内检查完毕。

Urate Stain Solution(Sternheimer Method)

Cat: G2591

Size: 100mL

Storage: 2-8°C, avoid light, valid for 3 months.

Introduction

There are many methods to detect urinary sediment, such as quantitative examination, centrifugal precipitation examination, staining examination and so on. Urate Stain Solution(Sternheimer Method) is a kind of staining urinary sediment examination method. It is composed of alician blue and pyronin . After staining, the red blood cells are red or colorless, and the white blood cells are dark blue, light blue or colorless. The reagent is only used in scientific research and is not suitable for clinical diagnosis or other purposes.

Protocols(for reference only)

1. Take 0.2ml urinary sediment and add 1 drop(20 μ L) of Urate Stain Solution(Sternheimer Method) to mix well.
2. Cover the cover glass or fill the counting plate, place it and conduct microscopic examination.

Result

Red blood cells	Red or Colorless
Polymorphonuclear leukocyte	Dark Blue, Light Blue or Colorless
Squamous epithelial cell	Light Pink or Purplish Red
Transitional epithelial cells, renal tubular epithelial cells	Purplish Red
Cell tube type	Light Blue or Dark Blue
Tubular particle	Pink or Purplish Red

Note

1. Prepare a clean and dry urine collection cup. Generally, it is best to reserve the middle urine.
2. In the process of centrifugation to obtain cell precipitation, for special cells, if the cell precipitation is insufficient, the centrifugation force can be appropriately increased or the centrifugation time can be prolonged.
3. In order to maintain the original morphological characteristics of cell components in urinary sediment, it is required to send them for examination quickly and complete the examination within 2 hours.