

中性红染色液(0.33% 过滤除菌, 活细胞染色)

货号: G1310

规格: 100mL/500mL

保存: 2-8°C, 有效期 1 年。

产品介绍:

中性红染色液(0.33% 过滤除菌, 活细胞染色)是一种组织或细胞染色时常用的可以把细胞核染成红色的染色液。本染色液是用中性 pH 的等渗缓冲液配制, 可直接用于活体细胞或组织的染色。

本染色液经过滤除菌, 可以直接用于培养细胞的染色。细胞核中的核酸呈酸性, 因此细胞核会被染成红色。由于溶酶体中也是酸性环境, 因此溶酶体也可以被中性红染色液染成红色。

操作步骤: (仅供参考)

1. 样品处理

去除细胞培养液, 用 PBS、DPBS 或 Hanks 等适当缓冲液洗涤一次。

2. 中性红染色

去除洗涤液, 加入适量的染色液, 确保充分覆盖细胞, 染色 2-10min(可以根据染色结果和要求调整时间)。用 PBS 、DPBS 或 Hanks 等适当溶液洗涤 1-2 次后即可进行观察和拍照。

注意事项:

1. 第一次使用本试剂时建议先取 1-2 个样品做预实验。
2. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。
3. 中性红染色液长期存放会产生沉淀。可以直接吸取染色液的上清液使用, 也可以使用过滤或离心的方法去除沉淀后继续使用, 不会影响使用效果。

相关产品:

- 12100 DMEM(H)(含双抗, 不含丙酮酸钠)
- 31800 RPMI Medium 1640 (含双抗)
- P1020 1×PBS 缓冲液(pH7.2- 7.4)
- H1025 Hanks, 含钙镁, 不含酚红 (HBSS)
- T1300 胰蛋白酶-EDTA 消化液(0.25%) 不含酚红
- P1400 青链霉素混合液(100×)细胞培养专用
- C0040 台盼蓝染色液(0.4%)
- M1020 MTT 试剂盒/细胞毒性检测试剂盒/细胞增殖检测试剂盒

Neutral Red Sterile Solution,0.33%, For Cells

Cat: G1310

Size: 100mL/500mL

Storage: 2-8°C, valid for 1 year.

Introduction

Neutral Red Sterile Solution,0.33%, For Cells is a kind of common staining solution which can dye the nucleus red for tissue or cell staining. This staining solution is prepared with neutral pH isotonic buffer and can be directly used for staining of living cells or tissues.

The staining solution also can be directly used for the staining of cultured cells. The nucleic acid in the nucleus is acidic, so the nucleus will be dyed red. Because lysosomes are also in acidic environment, lysosomes can also be dyed red by Neutral Red Solution.

Protocol(*for reference only*)

1. Sample Treatment

Remove the medium and wash once with appropriate buffer such as PBS, DPBS or Hanks.

2. Neutral Red Solution Staining

Remove the washing solution, add a proper amount of staining solution to ensure that the cells are fully covered and stained for 2-10 min (the time can be adjusted according to the staining results and requirements). Wash with PBS, DPBS or Hanks for 1-2 times, and then observe and photograph.

Note

1. When using this reagent for the first time, it is recommended to take 1-2 samples for pretest.
2. For your safety and health, please wear experimental clothes and disposable gloves.
3. Long term storage of Neutral Red Solution will produce precipitation. It can be directly used to absorb the supernatant of the dye solution, or it can be used to remove the precipitate by filtration or centrifugation, without affecting the use effect.