

番红 O 染色液 (1%)

货号: G4810

规格: 100mL

保存: 室温保存, 有效期为 1 年。

产品介绍:

番红 O 是一种可以和多中阴离子结合的阳离子染料, 对嗜碱性的软骨基质、核酸和木质化细胞壁等均有着色作用。它常与固绿搭配用于成骨软骨区分染色, 亦可用于纤维素细胞壁和木质化细胞壁区分。除此之外也可和阿利新蓝搭配用于肥大细胞染色。

我司番红 O 染色液 (1%) 使用高纯度精选原料, 杂质少保质期长。可用于单独染色, 亦可根据客户需求搭配其他试剂用于软骨区分染色、木质化区分染色和肥大细胞染色等多种实验设计。该试剂仅用于科研领域, 不适用于临床诊断或其他用途。

操作步骤: (仅供参考)

1. 根据实验需求进行取材和固定处理。动物样本一般推荐使用 G2161-10%中性福尔马林固定液, 植物样本一般推荐使用 G2312-CarnoyII固定液或 G2350-AAF 固定液 (适用于成熟组织) 固定。
2. 切片常规脱蜡至水后遵照实验需求进行处理和染色。
3. 一般动物组织石蜡切片番红染色 2-5min, 植物组织石蜡切片 1-2h, 蒸馏水稍洗后进行后续染色。
4. 后续操作遵循实验需求。

注意事项:

1. 本品浓度较高, 非特殊需求情况下建议稀释到 0.01%-0.5%使用。
2. 具体染色时间的设置与组织类型和状态相关, 建议正式实验前安排预实验进行测试。
3. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。





Safranin O Stain Solution, 1%

Cat: G4810

Size: 100mL

Storage: RT, valid for 1 year.

Introduction

Safranin O is a cationic dye that can combine with many anions. It can stain basophilic cartilage matrix, nucleic acid and lignified cell wall. It is often used in combination with solid green to distinguish and stain osteogenic cartilage, and can also be used to distinguish between cellulose cell wall and lignified cell wall. In addition, it can also be used for mast cell staining with alcian blue.

Our Safranin O Stain Solution,1% uses high-purity selected raw materials with less impurities and long quality guarantee period. It can be used for individual staining, and can also be used with other reagents according to customer needs for various experimental designs such as cartilage differentiation staining, lignification differentiation staining and mast cell staining. The reagent is only used in scientific research and is not suitable for clinical diagnosis or other purposes.

Protocol(for reference only)

1. Take materials and fix according to the experimental requirements. It is generally recommended to use G2161-Neutral Buffered Formalin,10% for animal samples, and G2312-Carnoy Fixative or G2350-Alcohol Acetate Formalin(AAF) Mixed Fixative for plant samples.
2. Routinely dewax the slices to water and then conduct operation according to the experimental requirements.
3. Generally, animal tissue paraffin sections shall be stained with Safranin O Stain Solution,1% for 2-5min, and plant tissue paraffin sections for 1-2h. Follow up staining shall be carried out after slightly washing with distilled water.
4. Follow other steps according to the experimental requirements.

Note

1. The concentration of this product is high. It is recommended to dilute it to 0.01%-0.5% for use under non special needs.
2. The dyeing time is related to the tissue type and state. It is recommended to arrange a pre experiment for testing before the formal experiment.
3. For your safety and health, please wear experimental clothes and disposable gloves.

