

环保组织透明脱蜡剂

货号: G2150

规格: 500mL/5L

保存: 室温保存, 有效期3年; 开封后6个月内使用完毕。

产品介绍:

本产品为略带植物天然香型的无色透明液体, 可用于植物、动物、人体解剖的显微制片。本产品基本不溶于水, 挥发性适中, 长时间浸泡组织不会使组织变脆, 还能增强浸蜡效果, 反而有利于切片; 主要采用天然植物提取的油类及饱和烷烃衍生物等混合而成, 不含二甲苯等挥发性有毒物质, 适合用于病理组织学和细胞学样品处理, 对酒精和石蜡有良好的兼容作用, 是生物组织透明处理的二甲苯理想替代品, 制片透明效果佳。

操作步骤: (仅供参考)

1. 组织透明: 将脱水充分的组织块转入透明液中, 视组织块大小透明1-4小时, 为透明彻底, 建议中间更换一次脱蜡透明液。
2. 切片脱蜡: 预热好的石蜡切片浸入透明液中, 视切片厚薄脱蜡10-30分钟, 为充分脱蜡, 建议中间至少更换一次脱蜡透明液。
3. 透明封片: 本品为非极性溶剂, 封片时可能与部分中性树胶产品不兼容, 使用前建议取20ul (约1滴) 封片剂与等量本品混匀观察, 如浑浊或有明显析出则不可以直接用于封片前透明。(见注意事项2)

注意事项:

1. 组织脱水后透明时透明液用量不宜过少, 为组织块总体积的 5-10 倍, 组织块在透明前应彻底脱水。
2. 本品主要由饱和烷烃衍生物组成, 与部分市面含二甲苯封片树胶产品混合可能产生白色蜡质析出影响观察, 如浑浊可在封片前二甲苯润洗或使用无苯封片树胶, 如我司G8593-无味中性树胶(D型)。
3. 我司生产的生化试剂如无特殊标注, 基本为非无菌包装, 若用于细胞实验, 请提前做好预处理。
4. 产品信息仅供参考, 如有疑问请致电 400-968-6088 咨询。
5. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。

Tissue Transparent Dewaxing Solution, Benzene Free

Cat: G2150

Size: 500mL/5L

Storage:RT, valid for 3 years.Used up within 6 months after opening.

Introduction

This product is a colorless and transparent liquid with a slight natural plant fragrance, which can be used for micro sectioning of plant, animal, and human anatomy. This product is basically insoluble in water and has moderate volatility. Long term immersion in tissue will not make it brittle, and it can also enhance the wax immersion effect, which is beneficial for subsequent slicing.

It is mainly composed of oils extracted from natural plants and saturated alkane derivatives, and does not contain volatile toxic substances such as xylene. It is suitable for the treatment of pathological and cytological samples, and has good compatibility with alcohol and paraffin. It is an ideal substitute for xylene in biological tissue transparency treatment, and has excellent transparency effect.

Protocol (for reference only)

1. Transparency of the organization: Transfer the dehydrated tissue block into a transparent solution, and depending on the size of the tissue block, it should be transparent for 1-4 hours. To achieve complete transparency, it is recommended to replace the dewaxed transparent solution once in the middle.
2. Dewaxing of slices: Preheated paraffin slices are immersed in transparent liquid, and depending on the thickness of the slices, dewaxing is performed for 10 to 30 minutes. To fully dewaxing, it is recommended to replace the dewaxing transparent liquid at least once in the middle.
3. Transparent before sealing: After dehydration with ethanol in the slicing series, enter the transparent solution twice, and let it dry slightly after 1 minute each time to seal the film. This product is a non-polar solvent and may not be compatible with some neutral gum products when sealing. Before use, it is recommended to take 20ul (about 1 drop) of sealing agent and mix it with an equal amount of this product for observation. If it is cloudy or has obvious precipitation, it cannot be directly used for transparency before sealing. (See Note 2)

Note

1. When the tissue becomes transparent after dehydration, the amount of transparent liquid should not be too small, which is 5-10 times the total volume of the tissue block. The tissue block should be thoroughly dehydrated before becoming transparent.
2. This product is mainly composed of saturated alkane derivatives, which may cause white wax precipitation when mixed with some market products containing xylene sealing gum. If it is cloudy, it can be washed with xylene before sealing or used with benzene free sealing gum, such as our company G8593 -Neutral Balsam, No Xylene(D Type).
3. The biochemical reagents produced by our company are basically non sterile packaging without special labeling. If they are used for cell experiments, please prepare them in advance.
4. Product information is for reference only. If you have any questions, please call 400-968-6088 for consultation.
5. For your safety and health, please wear White coat and disposable gloves.