

醛品红染色液

货号：G1594

规格：100mL

保存：2-8°C，避光保存，有效期 6 个月。

产品介绍：

弹力纤维(Elastic Fiber)主要分布于人体的动脉壁、肺泡壁、皮肤，新鲜时呈黄色，折光性强。常用的弹力纤维染色法有 Gomori 醛品红法、间苯二酚碱性品红法、地衣红法、维多利亚蓝法、铁碘苏木素法等。

醛品红染色液又称为醛复红染色液，根据其染色时间不同，可用于弹力纤维染色，亦可用于脂褐素、肥大细胞、胰岛β细胞和脑垂体嗜碱性细胞等其他用途。

操作步骤：(仅供参考)

1. 固定于 10%中性福尔马林，常规脱水包埋。
2. 石蜡切片厚度 4μm-7μm，常规脱蜡至水。
3. 根据实验需求进行染色，若进行弹力纤维染色，可参照 G1593 试剂盒说明书步骤。

染色结果：

弹力纤维	紫色至深紫色
肥大细胞颗粒、粘液物质	紫色至深紫色
背景	不同程度的黄色

注意事项：

1. 该法可显示弹力纤维、前弹力纤维、耐酸纤维，但需要切片稍厚一些，以 7μm 为宜。
2. 醛品红染色时，应加盖，防止溶液挥发。
3. 醛品红染色液保存过久以后，染色力会下降，染色时应增加染色时间。
4. 当染胰岛β细胞时，时间控制在 30min；当染脑垂体的嗜碱性细胞时，时间控制在 60min。
5. 为了您的安全和健康，请穿实验服并戴一次性手套操作。





Aldehyde-Fuchsin Stain Solution

Cat: G1594

Size: 100mL

Storage: 2-8°C, avoid light, valid for 6 months.

Introduction

In a narrow sense, connective tissue contains three types of fibers: collagen fibers, reticular fibers, elastic fibers. Elastic fibers are found in the lungs, arteries, veins. It is highly refractive, elasticized usually thinner than collagen fibers. Elastic fibers stain well with Gomori aldehyde fuchsin, orcein, resorcin- fuchsin, and Weigert's elastic stain in histological sections.

Aldehyde-Fuchsin Stain Solution can be used for many purposes. Depending on the staining time, it can be used for staining elastic fibers, as well as for staining lipofuscin, mast cells, and pancreatic islets β cells and pituitary basophils.

Protocol (for reference only)

1. Fix in 10% neutral formalin fixative, and routinely dehydrate and embed.
2. Cut the paraffin embedded tissue into 4 μ m-7 μ m thin sections and routine dewax to water.
3. Operate according to the specific experimental requirements. If dyeing elastic fibers, please refer to the steps in the G1593 manual.

Result

Elastic Fiber	Purple to dark purple
Mast cell granules and mucus	Purple to dark purple
Background	Different degrees of yellow

Note

1. This method can display elastic fiber, anterior elastic fiber and acid resistant fiber, but it needs to slice slightly thicker, 7 μ m is the best.
2. When aldehyde fuchsin is dyed, it should be capped to prevent the solution from volatilizing.
3. When the Aldehyde-Fuchsin Stain Solution is stored for a long time, the dyeing power will decrease, and the dyeing time should be increased.
4. When islet beta-cells were stained, the time should controlled at 30 min; when pituitary basophils were stained, the time is controlled at 60 min.
5. For your safety and health, please wear experimental clothes and disposable gloves.

