

铅盐染色液（玫棕酸法）

货号：G3880

规格：2×50mL

保存：室温，避光保存，有效期 6 个月。

产品组成：

名称	2×50mL	保存
试剂(A): 玫棕酸染色液	50mL	室温，避光
试剂(B): 固绿染色液	50mL	室温，避光

产品介绍：

铅对人体有害，过量的铅可沉积人体组织内，特别是骨骼和肾小管，铅盐染色有玫棕酸法、Timm 硫化银法等。

铅盐染色液(玫棕酸法)是利用螯合剂玫棕酸钠与铅盐结合，形成红色螯合物。染色过程中应避免使用含汞的固定剂，适用于石蜡切片。

自备材料：

无水乙醇、蒸馏水、恒温箱

操作步骤：(仅供参考)

1. 常规固定，常规浸蜡包埋，脱蜡至蒸馏水。
2. 入玫棕酸染色液浸染 1h。蒸馏水冲洗 3 次，每次 1 分钟。
3. 入固绿染色液复染 1min。蒸馏水冲洗 3 次，每次 1 分钟。
4. 常规脱水透明，中性树胶封固。

染色结果：

铅盐	黑色
背景	绿色

注意事项：

1. 避免使用含汞的固定剂。
2. 亦可恒温箱 60~65℃ 加热后，载玻片置于预热的玫棕酸染色液 5min。

Lead Salt Stain Kit(Sodium Rhodizonate Method)

Cat: G3880

Size: 2×50mL

Storage:RT, avoid light, valid for 6 months.

Kit Components

Reagent	2×50mL	Storage
Reagent(A): Rhodizonate Solution	50mL	RT, avoid light
Reagent(B): Fast Green Solution	50mL	RT, avoid light

Introduction

Lead is harmful to human body. Excessive lead can be deposited in human tissues, especially in bones and renal tubules. Lead salt staining includes Rosa brownic acid method, Timm silver sulfide method, etc.

Lead Salt Stain Kit(Sodium Rhodizonate Method) is a red chelate formed by the combination of sodium Rosa brownic acid and lead salt. The fixative containing mercury should be avoided in the dyeing process, which is suitable for paraffin section.

Self Provided Materials

Absolute ethanol, Distilled Water, Warm Box

Protocol(for reference only)

1. Conventional fixation, conventional paraffin embedding. Dewaxing to distilled water before staining.
2. Dye with Rhodizonate Solution for 1h. Rinse with distilled water third for 1 min each.
3. Re-dye with Fast Green Solution for 1 min. Rinse with distilled water third for 1 min each.
4. Normal dehydration transparent, neutral gum seal.

Result

Lead Salt	Black
Background	Green

Note

1. Avoid using fixatives containing mercury.
2. The method can also be used for dyeing after heating in incubator at 60-65 °C. The slides can be colored after being placed in the pre heated rose Brown acid staining solution for 5min.