

糖原 PAS 染色试剂盒

货号: G1280

规格: 2×50mL/2×100mL

保存: 2-8℃, 避光保存, 有效期 6 个月。

产品组成:

名称	2×50mL	2×100mL	保存
试剂(A): PAS 氧化剂	50mL	100mL	2-8℃, 避光
试剂(B): Schiff 染液	50mL	100mL	2-8℃, 避光

产品介绍:

糖原 PAS 染色试剂盒在组织学上主要用来检测组织中的糖原或其他多糖物质。氧化剂是高碘酸, 能将多糖分子中相邻的二醇基氧化成二醛基, 醛基能与希夫试剂反应生成红色不溶性复合物。

操作步骤: (仅供参考)

1. 切片脱蜡至水。
2. 氧化剂处理 5-10 分钟, 流水冲洗 5 分钟, 擦干切片上多余水分。
3. 滴加 Schiff 染液, 染色 10-15 分钟, 流水清洗 5-10 分钟。
4. (可选) Mayer 苏木素复染, 分化、水洗, 返蓝、水洗。
5. 常规脱水, 二甲苯透明, 中性树胶封片。

染色结果

糖原、中性粘液质	红色
细胞核	复染色

注意事项:

1. 为了您的安全和健康, 请穿实验服并戴一次性手套操作。
2. 试剂均应低温保存, 临用前半小时取出恢复室温。
3. 氧化剂处理温度以不高于 20℃为宜, 室温高时, 处理时间可适当缩短。Schiff 染液染色时间可随温度调整, 室温高可减少染色时间, 冬季室温低, 可延长至 20min 左右。
4. 第一次使用本试剂时建议先取 1-2 个样品做预实验。

相关产品:

- G1010 姬姆萨染色液(工作液)
G1040 瑞氏染色液
G1120 苏木素伊红(HE)染色试剂盒
G1080 Mayer 苏木素染色液(免疫组化)
G1260 饱和油红 O 染色液

Periodic Acid Schiff(PAS) Stain Kit

Cat: G1280

Size: 2×50mL/2×100mL

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

Kit Components

Reagent	2×50mL	2×100mL	Storage
Reagent A: Oxidant	50mL	100mL	2-8°C, avoid light
Reagent B: Schiff Reagent	50mL	100mL	2-8°C, avoid light

Introduction

In histology, Periodic Acid Schiff(PAS) Stain Kit is mainly used to detect glycogen or other polysaccharides in tissues. The oxidant is periodic acid, which can oxidize the adjacent diol group of polysaccharide into dialdehyde group. The aldehyde group can react with Schiff Reagent to form red insoluble complex.

Protocol(for reference only)

1. Dewax to distilled water(for paraffin section).
2. Oxidant treat the section for 5-10 min. Rinse in running tap water for 5 min.
3. Stain with Schiff Reagent for 10-15 min. Rinse in running tap water for 5-10 min.
4. (Optional) Re-dyeing with Mayer Hematoxylin Solution. Differentiate and wash; blue and wash.
5. Conventionally dehydrate and transparent by xylene.
6. Seal with resinene.

Result

Glycogen, Neutral Mucosubstance	Red
Nucleus	Blue

Note

1. For your safety and health, please wear experimental clothes and disposable gloves.
2. All reagents shall be stored at low temperature, and taken out half an hour before use to restore room temperature.
3. The treatment temperature of Oxidant should not be higher than 20 °C. When the room temperature is high, the treatment time can be shortened properly. The dyeing time of Schiff Reagent can be adjusted with the temperature. High room temperature can reduce the dyeing time. Low room temperature in winter can extend to about 20 minutes.
4. When using this reagent for the first time, it is recommended to take 1-2 samples for pre-test.

Related Product

G1010 Giemsa Stain Solution (Working Suit)

G1040 Wright Stain Solution

G1120 Hematoxylin-Eosin (HE) Stain Kit

G1080 Mayer's Hematoxylin Stain Solution, For IHC

G1260 Oil Red O Saturated Solution, 0.5%