V02

黑色素清除试剂盒

货号：G2910
规格：3×50mL/3×100mL
保存：室温，避光，有效期 1 年

产品组成：

名称	3×50mL	3×100mL	保存
试剂(A)：黑色素清除液 A	50mL	100mL	室温，避光
试剂(B)：黑色素清除液 B	50mL	100mL	室温
试剂(C)：黑色素清除液 C	50mL	100mL	室温

产品介绍：

在免疫组化和常规染色过程中，常见到组织中存在各种不同类型的色素。黑色素是其中的一种，多见于眼，皮肤的黑色素细胞。黑色素性质稳定，不易去除，通常在组织切片上呈黄色。易于导致细胞轮廓模糊，或与 DAB 显色的结果混淆，或在特染过程影响结果判断。

传统的从切片去除黑色素的方法有苦味酸、氢氧化钠、氢氧化钾等方法，但以上方法有可能导致脱片或影响后续染色过程。索莱宝黑色素清除试剂盒相较以上方法对组织的损伤更小，色素残留也较少。适用于石蜡和冰冻切片的常规或免疫组化染色前处理。

操作步骤：(*仅供参考*)

1、组织切片常规脱蜡复水。
2、每切片滴加 200-400ul 试剂(A)孵育 2-5min。*（见注意事项 1）*
3、蒸馏水小心冲洗干净。
4、每切片滴加 200-400ul 试剂(B)处理 1-2min，倾去后蒸馏水小心冲洗干净。
5、每切片滴加 200-400ul 试剂(C)处理 5min,倾去后重复处理一次。
6、水洗，镜下观察色素是否清除，如未达到理想状态，重复步骤 2-5。*（见注意事项 2）*
7、进行下游染色或抗原修复免疫组化染色。

注意事项：

1、具体孵育时间视组织黑色素含量和贴片牢固程度而定，过度脱色容易导致切片脱片，建议至少取一张切片进行预实验.。
2、二次清除时可根据残留黑色素情况适当缩短试剂(A)孵育时间。
3、试剂(A)处理后切片应呈均匀草黄色，在试剂(B)处理后切片还原至无色或富黑色素区呈淡黄色，属于正常现象。
4、为了您的安全和健康，请穿实验服并戴一次性手套操作。

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Melanin Removal Kit

Cat: G2910
Size: 3×50mL/3×100mL
Storage:RT, avoid light, valid for 1 year.

Kit Components

Reagent	3×50mL	3×100mL	Storage
Reagent(A): Melanin Remover A	50mL	100mL	RT, avoid light
Reagent(B): Melanin Remover B	50mL	100mL	RT
Reagent(C): Melanin Remover C	50mL	100mL	RT

Introduction

Various types of pigments are commonly present in tissues during immunohistochemistry and routine staining processes. Melanin is one of them, which is mainly found in the cytoplasm of Chromatophore in eyes and skin. Melanin has stable properties and is difficult to remove, usually appearing yellow on tissue sections. Easy to cause blurring of cell contour, confusion with DAB color results, or affecting result judgment during the specific staining process.

Traditional methods of removing melanin from slices include Picric acid, sodium hydroxide, potassium hydroxide, etc., but the above methods may lead to peeling or affect the subsequent dyeing process. Compared to the above methods, the Soraibao Melanin Removal Kit has less damage to tissues and less pigment residue. Suitable for routine or immunohistochemical staining pre-treatment of paraffin and frozen sections.

Protocol(*for reference only*)

1. Routine dewaxing and rehydration of tissue slices.
2. Add 200-400ul dropwise to each slice and incubate with Reagent (A) for 2-5 min. *(See Note 1)*
3. Wash thoroughly with distilled water.
4. Add 200-400ul of Reagent (B) dropwise to each slice for 1-2 min, then rinse thoroughly with distilled water.
5. Add 200-400ul of Reagent (C) dropwise to each slice for 5 min, then pour it out and repeat the treatment once.
6. Wash with water and observe under a microscope whether the pigment has been removed. If the desired state is not achieved, repeat steps 2-5. *(See Note 2)*
7. Perform downstream staining or antigen repair immunohistochemistry staining.

Note

1. The specific incubation time depends on the melanin content in the tissue and the firmness of the patch. Excessive decolorization can easily lead to detachment of the slice. It is recommended to take at least one slice for preliminary experiments.
2. During secondary clearance, the incubation time of Reagent (A) can be appropriately shortened based on the residual melanin situation.
3. After treatment with Reagent (A), the slices should be uniformly grass yellow. After treatment with Reagent (B), the slices should be reduced to a colorless or light yellow color in the melanin rich area, which is a normal phenomenon.
4. For your safety and health, please wear White coat and disposable gloves.