

## 内源性亲和素-生物素封闭试剂盒

货号: G2790

规格: 2×100mL

保存: 2-8°C, 避光保存, 有效期 6 个月。

### 产品组成:

| 产品名称            | 规格    | 保存    |
|-----------------|-------|-------|
| 试剂(A):内源性亲和素封闭液 | 100mL | 2-8°C |
| 试剂(B):内源性生物素封闭液 | 100mL | 2-8°C |

### 产品介绍:

内源性生物素广泛分布于哺乳动物组织,尤其在肝脏、肺、脾、脂肪、脑等组织中。组织经过福尔马林固定后,内源性产生的背景会降低,但冷冻切片中的背景会大大增强。剧烈的抗原修复会将经过福尔马林固定组织中的内源性物质暴露出来,譬如内源性亲和素-生物素。本试剂盒含有内源性亲和素封闭液和生物素封闭液,能够很好的抑制内源性物质(主要是内源性亲和素-生物素)的活性,尤其适用于免疫组化中封闭内源性物质的活性。

### 自备材料:

PBS、染色架、恒温箱。

### 操作步骤: (仅供参考)

1. 切片脱蜡、水化。
2. 入内源性生物素封闭液, 37°C恒温孵育 15-30min。
3. 使用 PBS 缓冲液充分清洗 5min。
4. 入内源性亲和素封闭液, 37°C恒温孵育 15-30min。
5. 使用 PBS 缓冲液充分清洗 5min。
6. 进行免疫染色的步骤。

### 注意事项:

1. 如待检测组织富含内源性链亲和素-生物素, 应考虑使用非链亲和素-生物素检测系统。
2. 如试剂出现较多浑浊则不可使用。
3. 避免反复冻融, 否则容易失效。

# Endogenous Avidin-Biotin Blocking Kit

**Cat:** G2790

**Size:** 2×100mL

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

## Kit components

| Reagent  | Size  | Storage |
|--|-------|---------|
| Reagent(A):Endogenous Avidin Blocking Solution | 100mL | 2-8°C   |
| Reagent(B):Endogenous Biotin Blocking Solution | 100mL | 2-8°C   |

## Introduction

Endogenous biotin is widely distributed in mammalian tissues, especially in liver, lung, spleen, fat, brain and other tissues. After formalin fixation, the endogenous background will be reduced, but the background in frozen sections will be greatly enhanced. Intense antigen repair will expose endogenous substances in formalin fixed tissues, such as endogenous avidin-biotin. The kit contains endogenous avidin blocking solution and biotin blocking solution, which can well inhibit the activity of endogenous substances (mainly endogenous avidin-biotin), especially suitable for blocking the activity of endogenous substances in immunohistochemistry.

## Self Provided Materials

PBS, Dyeing Rack, Incubator.

## Protocols(*for reference only*)

1. Slice dewaxing and hydration.
2. Add Endogenous Biotin Blocking Solution and incubate at 37 °C for 15-30min.
3. Fully wash with PBS buffer for 5min.
4. Add Endogenous Avidin Blocking Solution and incubate at 37 °C for 15-30min.
5. Fully wash with PBS buffer for 5min.
6. Conduct steps of immunostaining.

## Note

1. If the tissue to be tested is rich in endogenous streptavidin biotin, the non streptavidin biotin detection system should be considered.
2. Do not use the reagent if there is more turbidity.
3. Avoid repeated freezing and thawing, otherwise it is easy to fail.