

## ZF 固定液 (10%)

货号: G2145

规格: 500mL

保存: 室温, 避光保存, 有效期 1 年。

### 产品介绍:

固定剂通过凝固、生成添加化合物等使蛋白质内部结构发生改变, 从而使酶失活。固定液分为醛类固定液、汞类固定液、醇类固定液、氧化剂类固定液、苦味酸盐类固定液等, 较为常用的是醛类中的福尔马林、醇类中的乙醇。

ZF 固定液(10%)主要由醛类、硫酸锌、去离子水组成, 该固定液适合于绝大多数免疫组化染色的组织固定。

### 操作步骤: (仅供参考)

1. 一般标本固定时间控制在 1-4h/mm, 大标本应适当延长固定时间。

### 注意事项:

1. 该固定液有一定刺激性和腐蚀性, 请在通风较好的环境下小心操作, 避免吸入。
2. 组织取材的厚度不同, 固定时间也不同。常规活检组织比较适合厚度为 2~4mm, 一般不超过 6mm。对组织恰当的选材有利于固定液的渗透。
3. 温度对固定的影响很明显, 提高温度可以加速固定作用, 但温度不宜过高。
4. 取出新鲜组织后, 应及时固定, 无法及时固定时, 应保存于生理盐水中及时送检。

## Formalin-Zinc (ZF) Fixative, 10%

Cat: G2145

Size: 500mL

Storage: RT, avoid light, valid for 1 year.

### Introduction

The fixative makes the internal structure of the protein change by coagulating and adding compounds, so that the enzyme is inactivated. The fixative can be divided into aldehyde fixative, mercury fixative, alcohol fixative, oxidant fixative, picric acid salt fixative, etc. Formaldehyde in aldehydes and alcohol in alcohols are more commonly used.

Formalin-Zinc (ZF) Fixative, 10% is mainly composed of aldehydes, zinc sulfate and distilled water, which is suitable for the tissue section in most immunohistochemical staining.

### Protocol(for reference only)

Generally, the fixing time of specimens is 1-4h / mm. The fixing time of large specimens should be extended properly.

### Note

1. Formalin-Alcohol-Acid Fixative has certain irritation and corrosiveness. Please operate carefully in ventilated environment
2. The fixing time changes due to different thickness of tissue samples. The suitable thickness of conventional biopsy tissue is 2-4mm, generally no more than 6mm. Proper material selection for the tissue is beneficial to the permeation of the fixative.
3. The effect of temperature on fixation is obvious. Increasing the temperature can accelerate the fixation, but the temperature should not be too high.
4. After fresh tissue is taken out, it should be fixed in time. If it can not be fixed in time, it should be stored in physiological saline for inspection in time.