

## AAF 固定液（适用于幼嫩组织）

货号：G2355

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。固定剂对细胞和细胞外成分发生物理改变。固定液主要分为醛类固定液、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。AAF 固定液又称酒精醋酸福尔马林混合固定液或 FAA 固定液，主要由乙醇(A)、乙酸(A)、甲醛(F)组成，兼有脱水作用。AAF 固定液常用于组织的快速脱水和固定以及冷冻切片的快速固定。

相比于使用广泛的含 70%乙醇的 AAF 固定液（适用于成熟组织），含 50%乙醇的 AAF 固定液（适用于幼嫩组织）对幼嫩和新生组织的固定更为适用。

### 操作步骤：（仅供参考）

1. 取新鲜组织入 AAF 固定液（50%，适用于幼嫩组织），置于冰箱内低温固定。
2. 常规石蜡切片因固定不佳导致染色效果不满意时，可在染色前再用 AAF 固定液（50%，适用于幼嫩组织）二次固定 10min，染色效果会有明显提高。

### 注意事项：

1. AAF 固定液对人体有一定的损害，请在通风好的环境下小心操作，避免吸入。
2. 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。
3. 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。

## Alcohol Acetate Formalin(AAF) Mixed Fixative, 50%

**Cat:** G2355

**Size:** 500mL

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

### Introduction

Fixative can change the internal structure of protein by coagulation and formation of added compounds, so as to inactivate the enzyme. The fixative has physical changes on cellular and extracellular components. The fixative is mainly divided into aldehyde fixative, mercury fixative, alcohol fixative, oxidant fixative, picrate fixative, etc. formalin in aldehydes and ethanol in alcohols are commonly used. AAF fixative, also known as alcohol acetic acid formalin mixed fixative or FAA fixative, is mainly composed of ethanol (A), acetic acid (A) and formaldehyde (F), and has the function of dehydration. AAF fixative is often used for rapid dehydration and fixation of tissues and rapid fixation of frozen sections.

Compared with conventional AAF fixative (70%), AAF fixative (50%) is more suitable for the fixation of young and new tissues.

### Protocols(for reference only)

1. Take fresh tissue into Alcohol Acetate Formalin(AAF) Mixed Fixative, 50% and fix it in refrigerator at low temperature.
2. When the staining effect of conventional paraffin sections is not satisfactory due to poor fixation, Alcohol Acetate Formalin(AAF) Mixed Fixative, 50% can be used for secondary fixation for 10min before staining, and the staining effect will be significantly improved.

### Note

1. AAF fixative is harmful to human body. Please operate carefully in a well ventilated environment to avoid inhalation.
2. The effect of temperature on fixation is obvious. Increasing the temperature can accelerate the fixation, but the temperature should not be too high.
3. After taking out the fresh tissue, it is best to fix in time. If cannot fix in time, you can store it in normal saline and send for examination in time.