

Acidic Ethanol Differentiation Solution (1%)

Cat #: A-CSH642

Size: 500mL

Storage: Room temperature (12 months)

Product Description

Decolorization refers to the process of removing excessive staining from tissues after staining with specific solutions, and the solution used for this process is called a decolorization solution. In HE staining and other staining methods, 1% hydrochloric acid ethanol is commonly used as a decolorization solution. The acid can disrupt the quinone structure of hematoxylin, causing the separation of tissue and pigment, which allows for subsequent counterstaining with eosin, ensuring distinct staining of cell nuclei and cytoplasm.

Acidic Ethanol Decolorization Solution (1%) is mainly composed of dilute acid and ethanol. It is frequently used as an important auxiliary reagent in HE staining and Masson's trichrome staining.

Usage

1. Operate according to specific experimental requirements.
2. Generally, perform decolorization for 2 to 5 seconds, and immediately terminate with water or a bluing reagent.

Notes

1. Store in a sealed container and use it as soon as possible once opened, as the active ingredients are volatile.
2. For your safety and health, please wear laboratory attire and disposable gloves while handling.

Disclaimer

The reagent is only used in the field of scientific research, not suitable for clinical diagnosis or other purposes.