

Nuclear Fast Red Staining Solution (0.1%)

Cat #: A-CSH414

Size: 100mL

Storage: Room temperature, avoid light (12 months)

Product Description

Nuclear Fast Red, also known as Cell Nucleus Stain Red, has a molecular formula of $C_{14}H_8NNaO_7S$, a molecular weight of 357.27, and CAS number 6409-77-42. It is a light red to dark brown powder that is soluble in ethanol and water.

Nuclear Fast Red Staining Solution (0.1%) is composed of Nuclear Fast Red and an oxidizing agent. It is commonly used for staining cell nuclei. It is often used in combination with potassium ferrocyanide for restaining cell nuclei.

Usage

1. Dewax the sections and rinse in water. Other staining procedures can be performed before staining. Rinse in distilled water for 2-5 minutes after staining.
2. Immerse the tissue sections in the Nuclear Fast Red Staining Solution or directly apply the solution to the sample for 5-10 minutes (for light staining of cell nuclei). Adjust the staining time according to the desired staining intensity.
3. Rinse off excess staining solution with tap water.
4. Perform routine dehydration, clearing, and mounting with neutral mounting medium.

Notes

1. Ensure thorough dewaxing of the sections.
2. It is recommended to perform a preliminary experiment with 1-2 samples when using this reagent for the first time.
3. Light staining is recommended, as it is usually sufficient for distinguishing cell nuclei. Excessive staining intensity may affect cell coloration.
4. For your safety and health, please wear a lab coat and disposable gloves during the operation.

Disclaimer

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