

Saffron O Ethanol Solution (0.5%)

E1508176

Storage: Room Temperature. Store in the dark.

Introduction:

Safranin O is a cationic dye that binds to polyanions. Basophilic cartilage binds to the basic dye safranin O and stains red. It is often used in combination with fast green to visualize cartilage, based on the binding of the cationic dye to the anionic groups in mucopolysaccharides. Eosinophilic bone binds to the acidic dye fast green and stains green or blue, creating a sharp contrast with the red-stained cartilage, thus distinguishing cartilage tissue from bone tissue. It can also be used for the staining of plant specimens and mast cells.

Operating Procedures (For Reference Only):

1. Operate in accordance with the specific requirements of the experiment or refer to the procedure for REGAL Modified Safranin O-Fast Green Cartilage Staining Solution.
2. For single-use staining, the duration is generally 1–2 minutes.

Staining Results:

Cartilage matrix, cytoplasm Red

Precautions:

1. For your safety and health, wear a lab coat and disposable gloves during operation.
2. This product is for research use only and strictly prohibited for any other purposes.