

Davidson'S Fixative

Cat #: A-CSH481

Size: 100mL, 500mL

Storage: Room temperature (12 months)

Product Description

Davidson's fixative is a rapid fixative that preserves cellular nuclei well and produces minimal formalin pigments. It can be used for routine histopathological examination. Davidson's fixative does not contain mercury or other metals, and it has a lower shrinkage rate and better overall morphological detail. Therefore, it is widely used for preserving eyes, bone marrow, breast, testis, and other tissues for histological examination.

Usage

1. Place the tissue specimen in Davidson's fixative, ensuring that the volume of fixative is at least 15-20 times the volume of the specimen.
2. For tissue specimens intended for subsequent immunohistochemistry experiments, the fixation time should not exceed 24 hours. For routine histopathological experiments, the fixation time should not exceed 48 hours.
3. Remove the tissue specimen from Davidson's fixative and rinse briefly with tap water.
4. If not immediately used, temporarily store the fixed tissue specimen in 70% ethanol.

Notes

1. Davidson's fixative has an irritating odor, so handle with care.
2. The fixation time varies depending on the thickness of the tissue sample.
3. Temperature has a significant impact on fixation. Increasing the temperature can accelerate the fixation process, but the temperature should not be too high.
4. Fresh tissue should be fixed promptly. If immediate fixation is not possible, store the tissue in physiological saline and send it for examination as soon as possible.

5. For your safety and health, please wear lab 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.