

Carnoy'S Fixative II

Cat #: A-CSH483

Size: 100mL, 500mL

Storage: Room temperature, avoid light (12 months)

Product Description

Carnoy Fixative Solution II, also known as Carnoy's fixative solution, is primarily composed of ethanol, acetic acid, and other components, without chloroform. It is particularly suitable for the fixation of general tissues and cells, with extremely fast permeability. The maximum fixation time should not exceed 24 hours. Its characteristics include rapid penetration of cells, fixation, and maintenance of chromosome structure integrity, as well as enhancement of chromosome basophilia, resulting in excellent staining results. If the fixed tissue is not immediately used, it can be stored in 70% ethanol.

Usage

1. Fix small tissue blocks for 30-40 minutes.
2. Fix slightly larger tissue blocks for 2-4 hours.
3. If the tissue block is large, the fixation time can be extended appropriately, but should not exceed 24 hours.

Notes

1. Carnoy Fixative Solution has certain harmful effects on the human body, so handle with care. It is not suitable for fixing tissues for lipid staining.
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. After removing fresh tissue, it should be promptly fixed. If unable to fix immediately, it should be stored in physiological saline and sent for examination in a timely manner.

5. For your safety and health, please wear lab coat and disposable gloves during operation.

Disclaimer

For your safety and health, please wear a lab coat and disposable gloves while handling.