

FAA Fixative (70% Ethanol)

Cat #: A-CSH485

Size: 500mL

Storage: Room temperature (12 months)

Product Description

FAA Fixative Solution, also known as standard fixative solution or universal fixative solution, is suitable for general root, stem, leaf, anther, and ovary tissue sections. It has a wide application in plant morphological and anatomical studies. The major advantage of this fixative solution is its preservative effect, but its observation effect on chromosomes is relatively poor. FAA Fixative Solution, also known as alcohol-acetic acid-formalin mixed fixative solution, is primarily composed of formaldehyde (F), ethanol (A), and acetic acid (A), with dehydrating properties. FAA Fixative Solution is commonly used for rapid dehydration, fixation, and quick freezing of sections.

Usage

After removing the plant tissue, rinse it with water and then place it in FAA Fixative Solution. Larger tissues may need to be cut into smaller pieces before fixation. Generally, fix in FAA Fixative Solution for 24 hours or more. For smaller or tender tissues, the fixation time can be reduced according to the size of the material.

Notes

1. The fixation time varies depending on the thickness of the tissue sample.
2. Temperature has a significant impact on fixation. Increasing the temperature can accelerate the fixation process, but the temperature should not be too high.
3. 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.
4. 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.