



Anti freeze solution (AFS)

Description:

Anti freeze solution (AFS) is a preservative solution to protect the morphology and antigenicity of the fixed tissue. The sample storage in AFS are stable indefinitely in -20 °C. The solution is suitable for various fixed samples from animal and human tissue. The morphology and quality of immunostaining of the samples are never change.

Instructions:

Animal and human tissue: the fixed tissue must be cryoprotected (put in gradient sucrose 10% to 30% until they sunk) and cut in cryostat or freezing microtome. Put them in the multidisc/well contained AFS. You may collect them as serial section for quantification purposes or multiple histology/immunostaining. Keep them in -20 °C for indefinite time.

Sample storage:

After submersing in AFS, the sample can be stored –indefinitely -20 °C. Sample need to wash with buffer solution prior their staining.

Note:

- For laboratory use only.
- Warning: contains 0.01% sodium azide, glycerol and ethylene glycol. Hazardous by skin and eye contact, ingestion and inhalation.
- Please check with your city authority and/or EH&S Environmental Management Facility for disposal this AFS.