

Tissue Storage Solution

Introduction

Tissue Storage Solution can be used for short-term storage or transportation of primary tissue, ensuring the cell viability. This reagent can maintain tissue quality, providing an optimal starting for organoid culture.

Components and Storage

Components	Size	100 mL	Storage
Tissue Storage Solution		100 mL	-20°C
Shipping: Dry ice		Shelf life: 6 months	

Protocol

1. Preparation before use

- 1) Check the Tissue Storage Solution for any abnormalities such as discoloration or cloudiness.
- 2) Open the Tissue Storage Solution under sterile conditions. When first use, aliquot this product in 15 or 50 mL tubes to avoid repeated freeze and thaw.

2. Tissue storage

- 1) Isolate the desired tissue under sterile conditions and wash with saline several times. Transfer tissue to a centrifuge tube containing Tissue Storage Solution. Make sure that the tissue is completely immersed in the solution, tighten the cap, and seal the nozzle with parafilm.

***Note:** The tissue needs to be placed in the Tissue Storage Solution as soon as possible, the longer it is exposed to the air, the higher the risk of contamination and the lower the viability.

- 2) Place the centrifuge tubes in a 4°C freezer for temporary storage and use as soon as possible.
- 3) If transport is required, wrap the tissue-soaked centrifuge tube with bubble wrap. Then put it in a foam box and add 2-4 ice packs for cryogenic transport. It needs to be used as soon as possible after shipping.

***Note:** Tissues stored in the Tissue Storage Solution need to be used as soon as possible.

Note

1. For your safety and health, please wear lab coats and gloves during the experiment.
2. For research use only. Not to be used in clinical diagnostic or clinical trials.



APExBIO Technology
www.apexbt.com

7505 Fannin street, Suite 410, Houston, TX 77054.

Tel: +1-832-696-8203 | Fax: +1-832-641-3177 | Email: info@apexbt.com