

T-STORE® Instruction for Use

Manufacturer:

Life Science Group Ltd
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Sandy, Bedfordshire
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Authorized representative in the European Union:

300K Solutions S.L,
Calle Rio Adaja, 10, 37185,
Villamayor,
Salamanca,
Spain



Indicates the date after which the product should not be used



Manufacturer's batch code



Manufacturer's catalogue number



Keep away from light sources



Storage temperature limits



Single use only



Consult this instructions for use



in vitro diagnostic medical device



CE marked (the device is in conformity with applicable EU requirements)



UK Conformity Assessed indicating conformity with requirements related to products sold in the UK

Intended Use

The intended use of this device is for the storage and transport of tissue samples prior to analysis.

Intended Users

For professional use only (in vitro diagnostic and research use).

Using T-STORE®

T-STORE® is supplied to use neat without the need for further dilution. Additional antibiotic preparations are available, including Amphotericin B and Chloramphenicol and Amphotericin B and Nanomycopolitin.

Following excision, tissue samples should be immediately completely submerged in T-STORE. The volume of T-STORE® required should be determined by the user, as the size of the sample and downstream applications may affect requirements.

As a starting point for further optimisation, it is recommended complete submersion in T-STORE® using a sterile, leak proof container with no headspace. It is also recommended to use an excess volume of T-STORE® to tissue weight/size ratio to ensure successful storage.

Prior to storage, cell lines should be cultured under recommended conditions.

1. Dissociate actively growing adherent cells or directly harvest suspension cells and calculate cell number and viability.
2. Pellet cells at 180 x g for 5 min at room temperature and discard the supernatant. Re-suspend the pellet in 3 mL of T-STORE® and re-pellet as before. Discard the supernatant.
3. Re-suspend the cell pellet in 2 mL of T-STORE, and transfer to a 2 mL cryo-tube (or equivalent).
4. Tubes can be stored in the dark at room temperature for up to 72 h. Robust cell types may be stored for up to 96 h.
5. To recover the cells, gently re-suspend them before transferring into an appropriate vessel, containing complete growth medium (there is no need to remove the T-STORE® prior to recovery). Incubate cells under optimal conditions (e.g. humidified, 5% CO2 incubator at 37°C).
6. Full cell recovery should be seen within 48 h.

Storage & Shelf-life

T-STORE® without antibiotics has a shelf life of 18 months from the date of manufacture when stored at +2 - 8°C under dark conditions.

T-STORE® with added antibiotics has a shelf life of one month from the date of manufacture, when stored +2 - 8°C under dark conditions.

	Signature	Position	Date
Prepared by	Akab Raza 	Quality Assurance Manager	12 Sep 2024
Approved by	Jenny Murray 	Managing Director	12 Sep 2024

Changes	
Date	Description
01.04.2022	First issue
01.10.2023	Change of shelf-life of T-Store without antibiotics to 18months
02.08.2024	Ver02 update to include change in EC rep to 300k Solutions via change control 23/2024.