

Datasheet: BUF050A

Description:	TC-PROTECTOR CELL FREEZING MEDIUM
Name:	CELL FREEZING MEDIUM
Format:	Ready To Use
Product Type:	Accessory Reagent
Quantity:	100 ml

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Tissue Culture	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

Product Form

Cell freezing media - liquid

Preparation

Chemically defined cryo-preservation medium. Does not contain FBS (foetal bovine serum) or BSA (bovine serum albumin).

Product Information

TC-Protector cell freezing medium is a ready-to-use optimised cryo-preservation medium which allows for the direct freezing of an expansive range of mammalian cell lines at -80°C.

TC-Protector cell freezing medium provides a no-mess solution for the protection of cells during frozen storage, and reliably gives a high cell viability and durability rate on thawing.

Instructions For Use

1. Centrifuge cells pre-suspended in complete growth medium at 1,000-1,500rpm for 60 seconds.
2. Remove supernatant and resuspend cells in TC-Protector at a concentration of 5×10^6 to 1×10^7 cells/mL.
3. Transfer this cell suspension to cryogenic storage vial.
4. Freeze vial at -80°C (liquid nitrogen should be used for long-term storage).

References	1. Takebe, T. <i>et al.</i> (2014) Transient vascularization of transplanted human adult-derived progenitors promotes self-organizing cartilage. J Clin Invest. 124 (10): 4325-34.
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Storage	Store unused product at +4°C.
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Guarantee	Guaranteed until date of expiry. Please see product label.
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Health And Safety Information	Material Safety Datasheet documentation #10150 available at: https://www.bio-rad-antibodies.com/SDS/BUF050A 10150
	This product contains 10% dimethyl sulfoxide (DMSO): a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only
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Regulatory	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
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