Datasheet: BUF050D

### Product Details

**Description:** TC-PROTECTOR CELL FREEZING MEDIUM  
**Name:** CELL FREEZING MEDIUM  
**Format:** Ready To Use  
**Product Type:** Accessory Reagent  
**Quantity:** 1 x 10ml

### 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](http://www.bio-rad-antibodies.com/protocols).

<table>
<thead>
<tr>
<th>Application</th>
<th>Yes</th>
<th>No</th>
<th>Not Determined</th>
<th>Suggested Dilution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tissue Culture</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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).

### Intended Use

TC-Protector 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 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 5x10⁶ to 1x10⁷ 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


### Storage

Store unused product at +4°C.
Shelf Life
24 months from date of despatch.

Health And Safety Information
This product contains 10% dimethyl sulfoxide (DMSO): a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.


Regulatory
For research purposes only

North & South America
Tel: +1 800 265 7376
Fax: +1 919 878 3751
Email: antibody_sales_us@bio-rad.com

Worldwide
Tel: +44 (0)1865 852 700
Fax: +44 (0)1865 852 739
Email: antibody_sales_uk@bio-rad.com

Europe
Tel: +49 (0) 89 8090 95 21
Fax: +49 (0) 89 8090 95 50
Email: antibody_sales_de@bio-rad.com

Printed on 25 Feb 2017

© 2017 Bio-Rad Laboratories Inc | Legal | Imprint