ATCC

Product Sheet

Polyethylene Glycol (PEG) 1450 (ATCC® 50-X™)

Please read this FIRST

Storage Temp.
At the ATCC, PEG-1450 is stored at 2°C to 8°C, but the reagent may be stored at room temperature.

Biosafety Level
1

Description

Product Description: This reagent is used to assist fusion of myeloma and spleen cells to form hybridomas. PEG-1450 is packaged as 2 gram aliquots in amber vials that protect the product from light. PEG is undiluted and is a white solid. It is supplied sterile and pretested for cytotoxicity.

Molecular Weight 1300-1600
Volume: 5 x 2 gm vials

Directions for Use

Melt solid PEG in oven or water bath or on a hot plate. Cool molten PEG to about 50°C and mix with 3.0 ml of the prewarmed sterile medium of your choice (RPMI, DMEM, etc.). This results in a 40% w/v mixture. Cool to about 37°C. PEG is now ready to use. The concentration can be varied by the addition of more or less sterile medium.

ATCC Warranty

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

Disclaimers

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org

Additional information on this culture is available on the ATCC web site at www.atcc.org.
© ATCC 2013. All rights reserved. ATCC is a registered trademark of the American Type Culture Collection. [05/23]

American Type Culture Collection
PO Box 1549
Manassas, VA 20108 USA
www.atcc.org

800.638.6597 or 703.365.2700
Fax: 703.365.2750
Email: Tech@atcc.org

Or contact your local distributor