

PEPTITE-2000®

Catalog Number: 5020

OVERVIEW

PEPTITE-2000® has been specifically developed for ease-of-use for the researcher. This product is provided in a 5 mg package size to provide sufficient quantity of product for coating a large surface area. The product has been sterilized and is ready-to-use after proper dilution.

STORAGE

PEPTITE-2000: Store desiccated at 2 to 10°C or below.

CHARACTERIZATION

Purity: >95% based on HPLC analysis.

Quantity: The quantity of peptide in each container is 5 mg.

Sterilization: Sterilized by Ebeam irradiation.

Peptide Sequence: Ac-G(d)RGDIPASSKGGGS(d)RLLLLLL(d)
R-Amide

INSTRUCTIONS FOR USE

Use these recommendations as guidelines to determine the optimal coating conditions for your culture system. To maintain sterility, perform all operations in a laminar flow hood. Two options are provided:

PROCEDURE A

1. Remove cap and add 5 mL of serum-free medium or PBS to the bottle.
2. Replace cap and vortex contents vigorously. Ensure that the PEPTITE-2000 is completely solubilized. The solution will remain slightly hazy.
3. Transfer desired volume of solution from the bottle to a dilution vessel. Dilute to desired concentration using serum-free medium or PBS. A typical working concentration may range from 0.1 to 10 µg/mL.
4. Add appropriate amount of diluted material to culture surface.
5. Incubate at room temperature or 37°C, covered, for 1-2 hours.
6. After incubation, aspirate remaining material.
7. Rinse plates carefully with dH₂O– avoid scratching bottom surface of plates.
8. Plates are ready for use. They may also be stored at 2-8°C damp or air dried if sterility is maintained.
9. Store remaining solubilized PEPTITE-2000 at 2 to 10°C.

esibio.com

PROCEDURE B

1. Remove cap and add 5 mL of sterile 70% Ethanol
2. Replace cap and vortex contents. Ensure that the PEPTITE-2000 is completely solubilized.
3. Transfer desired volume of solution from the bottle to a dilution vessel. Dilute to the desired concentration using 70% Ethanol. Concentrations from 0.1 to 10 µg/mL should be tested.
4. Add appropriate amount of diluted material to culture surface.
5. Leave the coated container, uncovered, in a laminar flow hood until the wells are dry.
6. Rinse plates carefully with dH₂O– avoid scratching bottom surface of plates.
7. Plates are ready for use.
8. Store remaining solubilized PEPTITE-2000 at 2-10°C.

PRECAUTIONS

Follow typical laboratory safety practices when handling PEPTITE-2000.

MANUFACTURER INFORMATION

Advanced BioMatrix, Inc.
P.O Box 502403
San Diego, CA 92150
www.advancedbiomatrix.com
U.S. Phone: (800) 883-8220
Intl. Phone: (858) 451-2421
Fax: (510) 217-3452
support@advancedbiomatrix.com

PRODUCT WARRANTY

BioTime, Inc. and/or its subsidiaries warrants its products as set forth in the General Terms and Conditions of Sale found on ESI BIO's website at www.esibio.com/termsandconditions.

©2014 BioTime, Inc. All rights reserved. ESI BIO, ESI BIO logo and all other trademarks mentioned herein are the property of BioTime, Inc. and/or its subsidiaries or their respective owners.

For support visit www.esibio.com/support or email techsupport@esibio.com