



# EDGS

## EpiLife® Defined Growth Supplement

Catalog Number: S-012-5

5 ml

### Instructions for storage and use

#### Product Description

EpiLife Defined Growth Supplement (EDGS) is a sterile, concentrated (100X) solution intended for use as one component in a complete culture environment for the growth of normal human epidermal keratinocytes. EDGS is an ionically-balanced supplement containing purified bovine serum albumin (BSA), purified bovine transferrin, hydrocortisone, recombinant human insulin-like growth factor type-1 (rhIGF-1), prostaglandin E<sub>2</sub> (PGE<sub>2</sub>) and recombinant human epidermal growth factor (rhEGF). The bovine products in EDGS have been isolated from animals of North American or Australian origin. The isolation process for these components includes steps that inactivate viruses. All components of EDGS are greater than 95% pure. Each 5 ml bottle of EDGS is the correct amount of supplement for a 500 ml bottle of EpiLife® basal medium. When a 500 ml bottle of medium is supplemented with EDGS the final concentrations of the components in the supplemented medium are: BSA, 30 µg/ml; bovine transferrin, 5 µg/ml; hydrocortisone, 11 ng/ml; rhIGF-1, 10 ng/ml; PGE<sub>2</sub>, 18 ng/ml; and rhEGF, 1 ng/ml.

#### Intended Use

EDGS is intended for use in conjunction with EpiLife basal medium for the culture of normal human epidermal keratinocytes in a serum-free, chemically-defined environment. For optimal cell growth, EDGS should be used in conjunction with Coating Matrix Kit (Cat. R-011-K) and Defined Trypsin Inhibitor (DTI, Cat. R-007-100). ***This product is for research use only. Not for use in animals, humans, or diagnostic procedures.***

***Caution: If handled improperly, some components of this product may present a health hazard. Take appropriate precautions when handling this product, including the wearing of protective clothing and eyewear. Dispose of properly.***

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#### Terms and Conditions of Sale

Cascade Biologics, Inc. (hereinafter, CBI) warrants that its products will perform according to the information provided in various publications that it distributes, and as described herein for the intended shelf life of the product when stored under the conditions prescribed by CBI. If any product does not perform according to the published information provided by us, CBI will replace the product free of charge to the original customer. The remedy of product replacement shall be the customers' sole and exclusive remedy for defective product, unless CBI is unable to deliver replacement product, in which case CBI shall reimburse the customer for the purchase price of the defective product. Customer understands that the foregoing limited warranty is in lieu of all other warranties and CBI hereby disclaims all other warranties including, but not limited to, implied warranty of merchantability or fitness for adequacy for any particular purpose or use. CBI shall not be liable to customer or to any party claiming through customer for any incidental or consequential damages, including, but not limited to any lost profits, lost savings, or lost business, whether arising out of contract, tort, or otherwise. Customer acknowledges that products are intended for research use only and are not to be used in animals, humans, or diagnostic procedures.