Cascade Biologics™

invitrogen cell culture



HCGS Human Corneal Growth Supplement

Cat. no. S-009-5

5 ml

Product Description

Human Corneal Growth Supplement (HCGS) is a sterile, concentrated (100X) solution intended for use as one component in a complete culture environment for the growth of normal human corneal epithelial cells. HCGS is an ionically-balanced supplement containing bovine pituitary extract (BPE), bovine insulin, hydrocortisone, bovine transferrin, and mouse epidermal growth factor. Each 5 ml bottle of HCGS is the correct amount of supplement for a 500 ml bottle of EpiLife[®] basal medium.

Intended Use

HCGS is intended for use in conjunction with EpiLife[®] basal medium for the routine serum-free culture of human corneal epithelial cells. *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.

EpiLife[®] is a Registered Trademark of Life Technologies.

Storage and Stability

HCGS is stored at -20° C at our facility and is shipped on dry ice. Upon receipt, the product should be stored at -20° C in a freezer that is <u>not</u> self-defrosting. When stored at -20° C the product is stable until the expiration date shown on the label.

After long-term storage at -20° C, HCGS may contain a small amount of precipitate. This precipitate is formed from cold-insoluble material in the BPE component of the HCGS and will not affect the performance of the product.

Thawing

To thaw, place the product in a 37° C water bath or overnight at 4° C. If thawed in a water bath, do not leave the product at 37° C after the product has thawed. For instructions on adding HCGS to EpiLife[®] Medium, refer to the instructions that accompany the basal medium.

Limited Use Label License No. 5: Invitrogen Technology

The purchase of this product conveys to the buyer the non-transferable right to use the purchased amount of the product and components of the product in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The buyer cannot sell or otherwise transfer (a) this product (b) its components or (c) materials made using this product or its components to a third party or otherwise use this product or its components or materials made using this product or its components for Commercial Purposes. The buyer may transfer information or materials made through the use of this product to a scientific collaborator, provided that such transfer is not for any Commercial Purpose, and that such collaborator agrees in writing (a) not to transfer such materials to any third party, and (b) to use such transferred materials and/or information solely for research and not for Commercial Purposes. Commercial Purposes means any activity by a party for consideration and may include, but is not limited to: (1) use of the product or its components in manufacturing; (2) use of the product or its components to provide a service, information, or data; (3) use of the product or its components for therapeutic, diagnostic or prophylactic purposes; or (4) resale of the product or its components, whether or not such product or its components are resold for use in research. For products that are subject to multiple limited use label licenses, the terms of the most restrictive limited use label license shall control. Life Technologies Corporation will not assert a claim against the buyer of infringement of patents owned or controlled by Life Technologies Corporation which cover this product based upon the manufacture, use or sale of a therapeutic, clinical diagnostic, vaccine or prophylactic product developed in research by the buyer in which this product or its components was employed, provided that neither this product nor any of its components was used in the manufacture of such product. If the purchaser is not willing to accept the limitations of this limited use statement, Life Technologies is willing to accept return of the product with a full refund. For information on purchasing a license to this product for purposes other than research, contact Licensing Department, Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, California 92008. Phone (760) 603-7200. Fax (760) 602-6500. Email: outlicensing@invitrogen.com.

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