

HMGS-2

PMA-Free Human Melanocyte Growth Supplement

Cat. no. S-016-5

5 ml

Product Description

PMA-Free Human Melanocyte Growth Supplement (HMGS-2) is a sterile, concentrated (100X) solution intended for use as one component in a complete culture environment for the growth of normal human epidermal melanocytes. HMGS-2 is an ionically-balanced supplement containing bovine pituitary extract (BPE), fetal bovine serum, bovine insulin, bovine transferrin, basic fibroblast growth factor, hydrocortisone, heparin, and endothelin-1. Each 5 ml bottle of HMGS-2 is the correct amount of supplement for a 500 ml bottle of basal Medium 254.

Intended Use

HMGS-2 is intended for use in conjunction with basal Medium 254 for the routine culture of normal human epidermal melanocytes. Additional applications may include primary isolation of melanocytes from skin. **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.

Storage and Stability

HMGS-2 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 not 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 , HMGS-2 may contain a small amount of precipitate. This precipitate is formed from cold-insoluble material in the BPE component of the HMGS-2 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 HMGS-2 to basal Medium 254, refer to the instructions that accompany the basal medium.

Limited Use Label License No. 5: Invitrogen Technology

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