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Product Information

ENDOTHELIAL CELL GROWTH FACTOR (100 X)

Product Number **E 9640**

Storage Temperature –70 °C

Product Description

Endothelial Cell Growth Factor (ECGF) has been optimized for the culture of Human Umbilical Vein Endothelial Cells (HUVEC). ECGF is optimized for the mitogenic proliferation of HUVEC cells when supplemented to CS-C Medium. ECGF should be supplemented to CS-C medium at a concentration 1 ml per 100 ml of culture medium. ECGF is prepared in DPBS (without calcium and magnesium) supplemented with porcine heparin and HBGF-1. For best results it is recommended that this product be used in conjugation with CS-C Medium for Endothelial Cell Lines (Product Nos. C 1431 or C 1556), Endothelial Attachment Factor (Product No. E 9765), Trypsin/EDTA Solution for Endothelial Cell Cultures (Product No. T 4299) and Trypsin Inhibitor Solution (Product No. T 6414).

Precautions and Disclaimer

For R & D use only. Not for drug, household or other use.

Storage/Stability

Store material upon receipt at –70 °C until needed. Once thawed the product should be added to the culture medium. The medium can be stored up to 1 week at 2-8 °C without losing effectiveness.

Procedure

1. Warm ECGF to room temperature.
2. Add to CS-C culture medium at a concentration of 1 ml per 100 ml of culture medium.
3. Mix medium thoroughly.
4. Dispense medium into culture vessels.
5. Plate cells immediately.

Product Profile

The performance of this product has been evaluated using an endothelial cell line.

PAB/KMR 5/9/01

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