



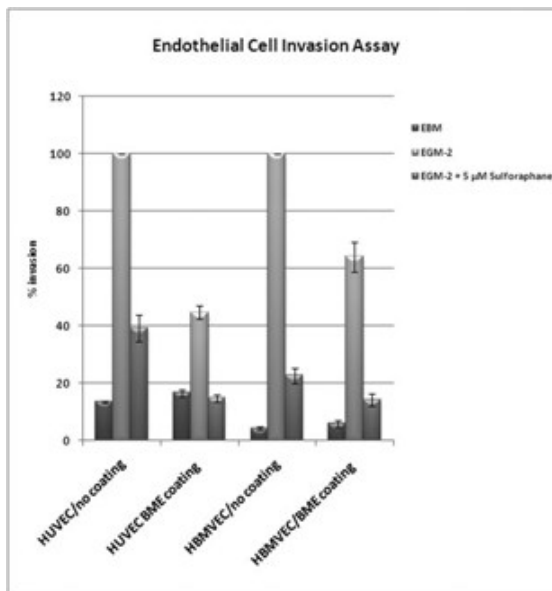
Trevigen Press Release

NEW PRODUCTS

## Cultrex<sup>®</sup> Endothelial Cell Invasion Kit

Trevigen is pleased to announce the immediate availability of the Cultrex<sup>®</sup> Endothelial Cell Invasion Kit for measuring early angiogenesis *in vitro*. This kit was created in an effort to accelerate the screening process for compounds that influence vascular endothelial cell invasion and migration across the basement membrane. This kit offers a flexible, standardized, high-throughput format for quantitating the degree to which endothelial cells penetrate a barrier of basement membrane extract (BME), *in vitro*, in response to chemoattractants and/or inhibiting compounds. This assay employs a simplified Boyden chamber-like design with a basement membrane coated 8 micron polyethylene terephthalate (PET) membrane. Sulforaphane, a naturally occurring cancer chemopreventive agent, is provided as a control for inhibition of *in vitro* endothelial cell migration/invasion on/through Cultrex<sup>®</sup> Basement Membrane Extract. The assay is rapid and detection of cell invasion is quantified using Calcein-AM.

Trevigen, Inc. develops, manufactures and markets an extensive line of Cultrex<sup>®</sup> brand products for the promotion of cell growth, cellular differentiation and for the study of cancer cell behavior. For details, contact Trevigen, at 800-873-8443, [info@trevigen.com](mailto:info@trevigen.com) or visit our website at [www.trevigen.com](http://www.trevigen.com).



Quantification of the ability of Human Umbilical Vein Endothelial Cells (HUVEC) and Human Blood Microvascular Endothelial Cells (HBMVEC) to cross a barrier consisting of an 8 micron polyester filter uncoated (no coating) or coated with 1 X Basement Membrane Extract (BME coating) over a 24 hours period in response to FBS, VEGF, bFGF and other growth factors containing in the Endothelial Growth Medium-2 (EGM-2), in the presence or absence of 5 μM Sulforaphane.

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