

## Angiogenesis (Tube Formation) Assay

**Cat. No.** Kit-2394    **Lot. No.** (See product label)

### SPECIFICATION

|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Product Overview</b>        | Angiogenesis is the process of generating new blood vessels from the pre-existing vasculature. Angiogenesis is required for growth and development, wound healing, tissue granulation and formation of malignant tumors. The quick assessment of angiogenesis involves measurement of the ability of endothelial cells to form three-dimensional tube-like structures. Tube Formation Assay provides a robust method to determine angiogenesis (in vitro) in less than 18 hrs. This assay kit provides a simple, easy to perform, semi-quantitative tool for assessing angiogenesis. |
| <b>Applications</b>            | Screening inhibitors and stimulators of angiogenesis<br>Study of angiogenesis related signal transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>                 | -20°C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Shipping</b>                | Gel Pack                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Size</b>                    | 50 assays                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Kit Components</b>          | Extracellular Matrix Solution (2 vials); Wash Buffer; Staining Dye Concentrate; Inhibitor Control -Vinblastine (2 µM)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Detection method</b>        | Light & Fluorescence microscope                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Features &amp; Benefits</b> | Robust method to determine angiogenesis (in vitro) in less than 18 hrs; Simple & convenient; semi-quantitative tool for assessing angiogenesis                                                                                                                                                                                                                                                                                                                                                                                                                                       |

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