











PRODUCT DATA SHEET

Ready-to-Screen Tissue BLOTS™ **Normal Human Endothelial Cells Blot**

Catalog #: TB51

Lot #: 070406A

Components: Protein blot of Normal Human Endothelial Cell samples arranged as follows:

| | | | | |
|---------|---|---------|---|---------------------------|
| Lane 1 | Protein Marker* | 202,816 |  | Myosin |
| Lane 2 | Pulmonary Artery Endothelial Cells (HPAEC) | 115,556 |  | β-galactosidase |
| Lane 3 | Coronary Artery Endothelial Cells (HCAEC) | 98,223 |  | Bovine Serum Albumin |
| Lane 4 | Iliac Artery Endothelial Cells (HIAEC) | | | |
| Lane 5 | Aortic Endothelial Cells (HAEC) | | | |
| Lane 6 | Lung Microvascular Endothelial Cells (HMVEC-L) | 51,366 |  | Ovalbumin |
| Lane 7 | Umbilical Vein Endothelial Cells (HUVEC) | | | |
| Lane 8 | Umbilical Artery Endothelial Cells (HUAEC) | 37,240 |  | Carbonic Anhydrase |
| Lane 9 | Dermal Microvascular Endothelial Cells (HMVEC-d Ad) | 29,003 |  | Soybean Trypsin Inhibitor |
| Lane 10 | ----- | 19,748 |  | Lysozyme |
| | | 6,658 |  | Aprotinin |

Size: 1 Blot

* Lot #: 310001732-BR

Storage Condition: 4° C

Methods Involved: The proteins were isolated from various **normal human endothelial cell samples** by preparing a homogenate in the presence of protease inhibitors. Protein samples (50µg) from each cell line were solubilized in SDS-lysis buffer and electrophoresed in a 10 well, 4-20% SDS-polyacrylamide gradient gel, followed by electroblotting on PVDF membrane.

Quality Control: Proteins isolated from each lot were run on 4-20% gel and stained with G-Biosciences **RapidStain™** to check for its quality. Actin antibody was used to test the separation and transfer of protein from each lot.

Instructions for Use: Remove the blot (membrane) from the pouch and wash with an appropriate buffer (1X TBST or PBST) 1-2 times. Block the membrane with a protein blocking agent; e.g., G-Biosciences **NAP™-Blocker** or **BLOT-QuickBlocker™**, and incubate with the primary and secondary antibodies diluted in blocking solution, following the standard protocol. Develop the blot with chemiluminescent or chromogenic detection reagents for the detection of the specific protein.

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