











PRODUCT DATA SHEET

Ready-to-Screen Tissue BLOTS™ **Human Normal Skin Cell Tissue Blot**

Catalog #: TB52

Lot #: -----

Components: Protein blot of **Human Normal Skin Cell Tissue** samples arranged as follows:

Lane 1	Protein Marker*	211,806		Myosin
Lane 2	Epidermal Keratinocytes Adult (NHEK-Ad)			
Lane 3	Epidermal Keratinocytes Neo (NHEK-Neo)	121,020		β-galactosidase
Lane 4	Epidermal Keratinocytes Neo Pool (NHEK-Neo Pool)	100,216		Bovine Serum Albumin
Lane 5	Dermal Fibroblast Adult (NHDF-Ad)			
Lane 6	Dermal Fibroblast Neo (NHDF-Neo)	54,395		Ovalbumin
Lane 7	Microvascular Endothelial Adult (HMVECd-Ad)			
Lane 8	Microvascular Endothelial Neo (HMVECd-Neo)	38,708		Carbonic Anhydrase
Lane 9	----	29,806		Soybean Trypsin Inhibitor
Lane 10	----	20,040		Lysozyme
		7,331		Aprotinin

Size: 1 Blot

* Lot #: 300002325-BR

Storage Condition: 4° C

Methods Involved: The proteins were isolated from various **human normal skin cell tissues** by preparing a tissue homogenate in the presence of protease inhibitors. Protein samples (50µg) from each tissue 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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