G-Biosciences, St Louis, MO. USA ♦ 1-800-628-7730 ♦ 1-314- 991-6034 ♦ technical@GBiosciences.com

PRODUCT DATA SHEET

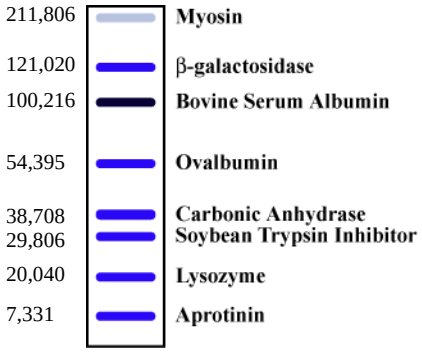
Ready-to-Screen Tissue BLOTS™
Normal Human Epithelial Cells Blot

Catalog #: **TB50**

Lot #: ----------

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

Lane 1 Protein Marker*****
Lane 2 Mammary Epithelial Cells (HMEC)
Lane 3 Renal Cortical Epithelial Cells (HRCE)
Lane 4 Renal Proximal Tubule Epithelial Cells (RPTEC)
Lane 5 Bronchial Epithelial cells (NHBE)
Lane 6 Prostate Epithelial Cells (PrEC)



* Lot #: 300002325-BR

Size: 1 Blot

Storage Condition: 4° C

Methods Involved: The proteins were isolated from various **normal human epithelial 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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