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PRODUCT DATA SHEET









Ready-to-Screen Tissue BLOTS™ ***Single Tissue Blots – Normal/Tumor***

Catalog #: TB95

Lot #: 091603H

Components: Protein blot of Normal(N) and Tumor(T) Human Kidney Tissue samples, arranged as follows:

Lane 1 Protein Marker*
Lane 2 Human N. Kidney
Lane 3 Human T. Kidney

206,338		Myosin
118,149		β-galactosidase
97,281		Bovine Serum Albumin
54,841		Ovalbumin
37,650		Carbonic Anhydrase
29,383		Soybean Trypsin Inhibitor
17,469		Lysozyme
6,715		Aprotinin

* Lot #: 310006442-BR

Size: 1 Blot

Storage Condition: 4° C

Methods Involved: The proteins were isolated from **human normal and tumor kidney 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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