











PRODUCT DATA SHEET

Ready-to-Screen Tissue BLOTS™ **Human Tumor Multiple Tissue Blot**

Catalog #: TB54

Lot #: 081101E

Components: Protein blot of **Human Tumor** Tissue samples arranged as follows:

Lane 1	Protein Marker*	199,511		Myosin
Lane 2	Human Ovary	116,248		β-galactosidase
Lane 3	Human Lung	86,003		Bovine Serum Albumin
Lane 4	Human Liver	50,930		Ovalbumin
Lane 5	Human Rectum	37,183		Carbonic Anhydrase
Lane 6	Human Cervical	29,104		Soybean Trypsin Inhibitor
Lane 7	Human Skin	19,728		Lysozyme
Lane 8	Human Testis	7,001		Aprotinin
Lane 9	Human Thyroid			
Lane 10	Human Uterus			
Lane 11	Human Stomach			
Lane 12	Human Laryngopharynx			
Lane 13	Human Breast			
Lane 14	Human Prostate			
Lane 15	Human Pancreas			

* Lot #: 310002875-BR

Size: 1 Blot

Storage Condition: 4° C

Methods Involved: The proteins were isolated from various **human tumor 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 15 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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