











## PRODUCT DATA SHEET

### **Ready-to-Screen Tissue BLOTS™** **Kidney Tissue Region- Specific Blots - Single Species**

**Catalog #:** TB43

**Lot #:** 091908D

**Components:** Protein blot of Normal Rat Kidney Region Tissue samples arranged as follows:

Lane 1	Protein Marker*	206,338		<b>Myosin</b>
Lane 2	Whole Kidney	118,149		<b>β-galactosidase</b>
Lane 3	Kidney Medulla	97,281		<b>Bovine Serum Albumin</b>
Lane 4	Kidney Cortex	54,841		<b>Ovalbumin</b>
		37,650		<b>Carbonic Anhydrase</b>
		29,383		<b>Soybean Trypsin Inhibitor</b>
		17,469		<b>Lysozyme</b>
		6,715		<b>Aprotinin</b>

**Size:** 1 Blot

**Storage Condition:** 4° C

\* Lot #: 300002325-BR

**Methods Involved:** The proteins were isolated from various **normal rat kidney region 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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