



G-Biosciences, St Louis, MO. USA ♦ 1-800-628-7730 ♦ 1-314- 991-6034 ♦ [technical@GBiosciences.com](mailto:technical@GBiosciences.com)









## **PRODUCT DATA SHEET**

### **Ready-to-Screen Tissue BLOTS™** **Single Tissue Blot - Multiple Species**

**Catalog #:** TB31

**Lot #:** 091911A

**Components:** Protein blot of **Human, Mouse & Rat Normal Kidney Tissue** sample arranged as follows:

Lane 1	Protein Marker*	209,998		Myosin
Lane 2	Human Kidney	117,068		β-galactosidase
Lane 3	Mouse Kidney	97,834		Bovine Serum Albumin
Lane 4	Rat Kidney	55,145		Ovalbumin
		37,491		Carbonic Anhydrase
		29,005		Soybean Trypsin Inhibitor
		19,720		Lysozyme
		6,869		Aprotinin

**Size:** 1 Blot

\* Lot #: 310007460-BR

**Storage Condition:** 4° C

**Methods Involved:** The proteins were isolated from **kidney tissue** of various species by preparing a tissue homogenate in the presence of protease inhibitors. Protein samples (50µg) 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 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.

Rev 11.17.08-SA/MM/IA



think proteins! think G-Biosciences!

[www.GBiosciences.com](http://www.GBiosciences.com)