











## PRODUCT DATA SHEET

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

**Catalog #:** TB41

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

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

Lane 1	Protein Marker*	211,806		Myosin
Lane 2	Frontal Cortex			
Lane 3	Posterior Cortex	121,020		β-galactosidase
Lane 4	Cerebellum			
Lane 5	Hippocampus	100,216		Bovine Serum Albumin
Lane 6	Olfactory Bulb			
Lane 7	Striatum	54,395		Ovalbumin
Lane 8	Thalamus			
Lane 9	Midbrain	38,708		Carbonic Anhydrase
Lane 10	Entorhinnal Cortex	29,806		Soybean Trypsin Inhibitor
Lane 11	Pons			
Lane 12	Medulla	20,040		Lysozyme
Lane 13	Spinal Cord			
Lane 14	Total Brain	7,331		Aprotinin

\* Lot #: 300002325-BR

**Size:** 1 Blot

**Storage Condition:** 4° C

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