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PRODUCT DATA SHEET

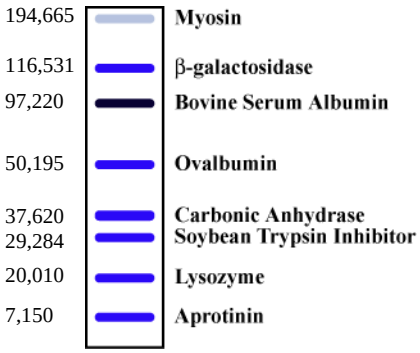
Ready-to-Screen Tissue BLOTS™
Brain Tissue Region- Specific Blots - Single Species

Catalog #: **TB40**

Lot #: **071810F**

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

Lane 1	Protein Marker*
Lane 2	Frontal Cortex
Lane 3	Posterior Cortex
Lane 4	Cerebellum
Lane 5	Hippocampus
Lane 6	Olfactory Bulb
Lane 7	Striatum
Lane 8	Thalamus
Lane 9	Midbrain
Lane 10	Entorhinnal Cortex
Lane 11	Pons
Lane 12	Medulla
Lane 13	Spinal Cord
Lane 14	Total Brain



* Lot #: 310001998-BR

Size: 1 Blot

Storage Condition: 4° C

Methods Involved: The proteins were isolated from various **normal mouse 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.

Rev 11.18.08-SA/MM/IA