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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Panel 3: Mouse C57BL/6 Neuronal Tissue Premade Northern Blot

Catalog #: MN-MT-3-C57

Quantity: 1 blot

Storage Conditions: Store in a sealed bag at room temperature or 4^{o}C. It is good for several months.

Applications: Mouse C57BL/6 Neuronal Tissue Premade Northern Blot

- Analyze gene expression pattern in 11 different mixed (multiple) tissues simultaneously.
- Determine size and relative abundance of specific messages in the mixed tissues.
- Identify alternative spliced forms.

Quality Control: Every step of preparation of the blot, from harvesting tissues and extraction of RNA to the blotting, is carefully monitored to ensure the superior quality and performance.

- Blot is made from total RNA that is treated with RNase-free DNase to remove residual DNA. The purity and integrity of RNA are tested by formaldehyde-denatured agarose gel electrophoresis.
- The efficiency of transfer is checked by staining gel with ethidium bromide.
- The integrity of the blotted RNA is tested by beta-actin specific probe.

Description: Total RNA (20 µg each) was extracted from freshly harvested mouse tissues, fractionated through formaldehyde-denatured agarose gel, transferred to a positively charged nylon membrane, and cross-lined by UV light.

The band sizes of the RNA marker (major bands: 10kb, 6 kb, 4 kb, 3 kb, 2 kb, 1.5 kb, 1 kb, 0.5 kb, and 0.2 kb) are marked on the membrane.

Tissues on the blot: RNAs were loaded in the following left to right order: RNA Marker (1) Brain (whole), (2) Cerebellum, (3) Hippocampus, (4) Hypothalumus, (5) Thalamus, (6) Striatum, (7) Medulla, (8) Pons, (9) Cerebral Cortex, (10) Olfactory Bulb, (12) Spinal Cord.

Hybridization: Prior to use, wet blot in water for few minutes. Northern blots can be hybridized using isotopic and non-isotopic DNA or RNA probes. You can follow any general protocol of Northern blot analysis for hybridization, post-washing, and stripping (reusing blot) probe. However, we recommend protocols published in the following books: “Short protocols in molecular biology” by Frederick Ausubel et al. and “RNA Methodologies” by Robert Farrell.

Stripping Probe: Blot is reusable for several times, just strip probe and re-hybridize with a new one. Keep blot wet until the previously hybridized probe has been removed. It is extremely difficult to completely remove hybridized probe from a membrane that has been allowed to dry.

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