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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Data Sheet

Ready-to-Hybridize Mouse Placenta Gland Northern Blot

Catalog #: MN-413

Quantity: 1 blot

Storage Conditions: Store in a sealed bag at room temperature or 4oC. It is good for several months.

Applications: Mouse Placenta Northern blot can be used to:

- Analyze gene expression pattern in 9 different placenta tissues simultaneously.
- Determine size and relative abundance of specific messages.
- 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 dissected mouse placenta tissues (CD1 adult mice), 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: 9kb, 6 kb, 5 kb, 4 kb, 3kb, 2.5 kb, 2kb, 1.5 kb, 1.0 kb and 0.5 kb) are marked on the membrane by a pencil.

Tissues on the blot: Placenta RNA samples were loaded in the following left to right order: (1) Pregnancy-E10, (2) Pregnancy-E11, (3) Pregnancy-E12, (4) Pregnancy-E13, (5) Pregnancy-E14, (6) Pregnancy-E15 (7) Pregnancy-E16, (8) Pregnancy-E17, and (9) Pregnancy-E18.

Hybridization: Prior to use, wet blot in water for few minutes. Zyagen blots can be hybridized with isotopic and non-isotopic DNA or RNA probes using any general protocol of Northern blot analysis. 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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