

Mouse Genomic DNA

Catalog No.
636402

Amount
100 µg

Lot Number
3871247

Description

Genomic DNA isolated by the method of Blin and Stafford (Blin and Stafford 1976). This DNA is suitable for Southern hybridization analysis and genomic library construction.

Package Contents

- 100 µg Mouse genomic DNA

Storage Conditions

- Store at 4°C.

Concentration

- 0.1 µg/µl in TE buffer (10 mM Tris-HCl, pH 8.0, 1 mM EDTA)

Shelf Life

- 1 year from date of receipt under proper storage conditions.

Shipping Conditions

- Blue ice

References

Blin, N. & Stafford, D.W. Isolation of high molecular weight DNA. *Nucleic Acids Res.* **3**, 2303–8 (1976).

Quality Control Data

1. Purified genomic DNA was found to have a molecular weight greater than 50 kb as determined by visualization on a 0.6% Et-Br stained agarose gel.
2. Purity was determined by spectrophotometry. $A_{260}/A_{280} = 1.86$
3. DNA is completely digestible with *EcoRI* or *HindIII* after incubation with enzyme at 37°C for a period ranging from 3 hours to overnight, depending on the enzyme source.
4. No intrinsic nuclease activity was detected after incubation of genomic DNA at 37°C overnight as assayed by gel analysis.

It is certified that this product meets the above specifications, as reviewed and approved by the Quality Department.

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3/17/2022