

Certificate of Analysis

Human Genomic DNA

Catalog No.	Amount	Lot Number
636401	100 µg	3933728

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 Human Genomic DNA from the tissues/cells specified below

Storage Conditions

- Store at 4°C

Concentration

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

DNA Source

- Human whole blood that has tested negative for HIV antibodies and Hepatitis B surface antigen.
- No further DNA source information is available.

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**:2302 (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% EtBr-stained agarose gel.
2. Purity was determined by spectrophotometry: A_{260}/A_{280} : 1.84
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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CATALOG NO.

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