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PRODUCT: Human Genomic DNA

CATALOG No.

636401

AMOUNT

100 µg

DESCRIPTION

Genomic DNA isolated by the method of Blin and Stafford (1). This DNA is suitable for Southern hybridization analysis and genomic library construction.

LOT NUMBER 2669068
STORAGE CONDITIONS

• Store at 4°C

CONCENTRATION

0.100 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.

DNA SOURCE

Human whole blood that has tested negative for HIV antibodies and Hepatitis B surface antigen

SHIPPING CONDITIONS

Blue ice (4°C)

No further DNA source information is available.

FOR RESEARCH USE ONLY
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. $A_{260}/A_{280} = 1.95$
3. DNA is completely digestible with *EcoR* I or *Hind* III 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.


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REFERENCES

1. Blin, N. & Stafford, D.W. (1976) Isolation of high molecular weight DNA. *Nucleic Acids Res.* **3**:2302

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