

## Human Genomic DNA

**Catalog No.**

636401

**Amount**

100 µg

**Lot Number**

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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