Jurkat Genomic DNA

1-800-632-7799
info@neb.com
www.neb.com

N4001S 005140716071

N4001S

15 µg **Lot: 0051407** **Exp: 7/16**
100 µg/ml **Store at –20°C**

Description: Human male Jurkat (human acute T-cell leukemia) genomic DNA.

Source: Jurkat (acute T-cell leukemia) cells were grown to confluency in RPMI plus 10% fetal bovine serum. Genomic DNA was isolated by a standard genomic purification protocol (1), phenol extracted and equilibrated to 10 mM Tris-HCl (pH 7.5) and 1 mM EDTA.

Applications:

- A control for Methylation-Specific PCR (MSP) (2), Bisulfite sequencing, Methylation-sensitive Single-Nucleotide Primer Extension (Ms-SNuPE), Combined Bisulfite Restriciton Analysis (COBRA), Bisulfite treatment and PCR-Single-Strand Conformation Polymorphism Analysis (Bisulfite-PCR-SSCP/BiPS).
- PCR, SNP Analysis, Southern Blotting
- Genomic DNA library construction

Supplied in: 10 mM Tris-HCl (pH 7.5) and 1 mM EDTA. Avoid multiple freeze/thaw cycles.

Quality Assurance: Purified free of contaminating proteins and RNA.

$A_{260/280}$ Ratio: 1.92

Reference:

1. Sambrook, J. and Russell, D. (2001) *Molecular Cloning: A Laboratory Manual,* (3rd ed.), (pp. 6.4–6.12). Cold Spring Harbor: Cold Spring Harbor Laboratory Press.
2. Herman, J.G. and Baylin, S.B. (1996). U.S. Patent No. 5,786,146. John Hopkins University School of Medicine.

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