

Nucleosome Control DNA



1-800-632-7799
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N1202S 005130715071

N1202S

0.2 nmol 10 μ M Lot: 0051307

Store at -20°C Exp: 7/15

Description: *Lytechinus variegatus* 5SrDNA (1) of 208 bp is used for mononucleosome formation in a gel shift assay.

Source: Plasmid (Litmus 29) containing five copies 5SrDNA is isolated from *E. coli* NEB 10-beta by a standard purification procedure, digested and 208 bp DNA purified.

Supplied in: 10 mM Tris-HCl, pH 8.0 @ 25°C ,
1 mM EDTA. Store at -20°C .

Applications:

- A positive control for Nucleosome Assembly Kit.

Quality Assurance: Purified free of contaminating proteins and RNA.

Concentration: 10 μ M (1.37 mg/ml)

A260/A280: > 1.80

Sequence:

```
ACTTCCAGGGATTATAAGCCGATGACGTCATAACATC
CCTGACCCTTTAAATAGCTTAACTTTCATCAAGCAAGA
GCCTACGACCATAACCATGCTGAATATACCGGTTCTCGT
CCGATCACCGAAGTCAAGCAGCATAGGGCTCGGTTAG
TACTTGGATGGGAGACCGCTGGGAATACCGAATTCC
CCGAGGAATTCCAACGAATA
```

Reference:

1. Lu, A-Lien et al. (1980) *Nucleic Acids Res.* 8, 1839–1853.

CERTIFICATE OF ANALYSIS

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