

Nucleosome Control DNA



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



N1202S 005130215021

N1202S

0.2 nmol **10 µM** **Lot: 0051302**
Store at -20°C **Exp: 2/15**

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 µM (1.37 mg/ml)

A260/A280: > 1.80

Sequence:

```
ACTTCCAGGGATTATAAGCCGATGACGTCATAACATC  
CCTGACCCTTTAAATAGCTTAACTTTCATCAAGCAAGA  
GCCTACGACCATAACCATGCTGAATATACCGTTCTCGT  
CCGATCACCGAAGTCAAGCAGCATAGGGCTCGGTTAG  
TACTTGGATGGGAGACCGCCTGGGAATACCGAATTCC  
CCGAGGAATTCCAACGAATA
```

Reference:

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

CERTIFICATE OF ANALYSIS

Nucleosome Control DNA



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



N1202S 005130215021

N1202S

0.2 nmol **10 µM** **Lot: 0051302**
Store at -20°C **Exp: 2/15**

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 µM (1.37 mg/ml)

A260/A280: > 1.80

Sequence:

```
ACTTCCAGGGATTATAAGCCGATGACGTCATAACATC  
CCTGACCCTTTAAATAGCTTAACTTTCATCAAGCAAGA  
GCCTACGACCATAACCATGCTGAATATACCGTTCTCGT  
CCGATCACCGAAGTCAAGCAGCATAGGGCTCGGTTAG  
TACTTGGATGGGAGACCGCCTGGGAATACCGAATTCC  
CCGAGGAATTCCAACGAATA
```

Reference:

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

CERTIFICATE OF ANALYSIS