M13mp18 Single-stranded DNA

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

N4040S 0161407160 71

N4040S

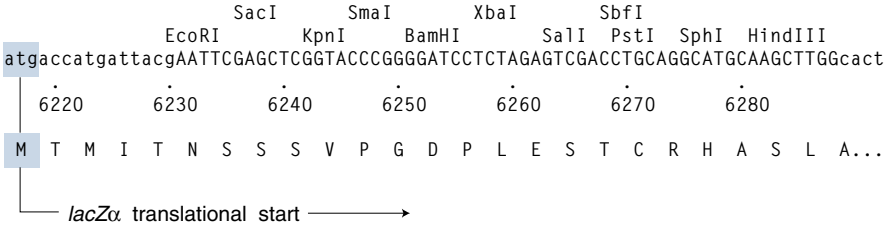
10 µg **Lot: 0161407** **Exp: 7/16**

250 µg/ml **Store at –20°C**

Description: The single-stranded viral DNA is isolated from M13mp18. M13mp18 is a M13 *lac* phage vector which contains single HindIII, SphI, SbfI, PstI, SalI (AccI/ HincII), XbaI, BamHI, SmaI (XmaI), KpnI (Acc65I), SacI and EcoRI sites within the gene encoding β-Galactosidase.This DNA preparation is useful as a standard and has been tested as a template in the dideoxy-nucleotide termination method of sequencing DNA.

Preparation: M13mp18 phage is propagated in *E. coli* ER2738. The phage is purified by polyethylene glycol precipitation. The single-stranded DNA is then extracted with phenol.

Supplied in: 10 mM Tris-HCl (pH 8.0 @ 25°C), 1 mM EDTA.



Reference:

1. Messing, J. (1983) *Methods Enzymol.* 101, 20.

CERTIFICATE OF ANALYSIS

M13mp18 Single-stranded DNA

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

N4040S 0161407160 71

N4040S

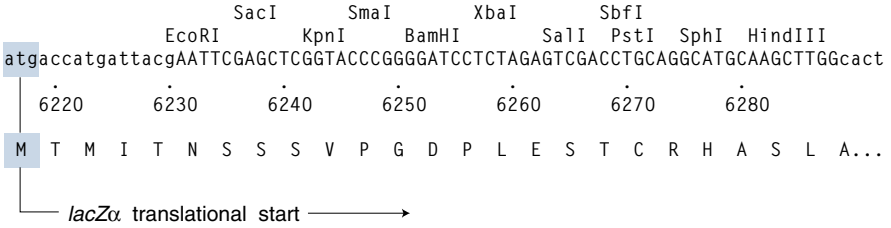
10 µg Lot: 0161407 Exp: 7/16

250 µg/ml Store at –20°C

Description: The single-stranded viral DNA is isolated from M13mp18. M13mp18 is a M13 *lac* phage vector which contains single HindIII, SphI, SbfI, PstI, SalI (AccI/ HincII), XbaI, BamHI, SmaI (XmaI), KpnI (Acc65I), SacI and EcoRI sites within the gene encoding β-Galactosidase.This DNA preparation is useful as a standard and has been tested as a template in the dideoxy-nucleotide termination method of sequencing DNA.

Preparation: M13mp18 phage is propagated in *E. coli* ER2738. The phage is purified by polyethylene glycol precipitation. The single-stranded DNA is then extracted with phenol.

Supplied in: 10 mM Tris-HCl (pH 8.0 @ 25°C), 1 mM EDTA.



Reference:

1. Messing, J. (1983) *Methods Enzymol.* 101, 20.

ISO 9001 Registered Quality Management
ISO 14001 Registered Environmental Management
ISO 13485 Registered Medical Devices

NEW ENGLAND BIOLABS® is a registered trademark of New England Biolabs, Inc.

CERTIFICATE OF ANALYSIS