pLox2+ (linearized)

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

N0417S 0061210141O1

N0417S

10 µg **Lot: 0061210** **Exp: 10/14**

125 ng/µl **Store at –20°C**

Description: pLox2+ (linearized) is a substrate for Cre Recombinase (NEB #M0298). It is 3.65 kb in length and has a *lox* site approximately 350 bp from each end. Between the *lox* sites lie an origin of replication and an ampicillin resistance gene. Recombination between these *lox* sites by Cre Recombinase produces a circular, ampicillin-resistant plasmid (which migrates at approximately 1.7 kb on a 0.8% agarose gel) and a 850 bp DNA fragment.

Source: pLox2+ is isolated from *E. coli* ER2502 by a standard purification procedure, digested to completion with *Xmn* I, phenol/chloroform extracted, precipitated and resuspended in 10 mM Tris-HCl (pH 8.0), 1 mM EDTA

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

Reference:

1. Cantor, E. and Chong, S. (2001) *Protein Expression and Purification* 22, 135–140.

CERTIFICATE OF ANALYSIS

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