

User Manual

Version 4.1

Product name: *Bst* DNA Polymerase (large fragment)

Cat #: BPL-100, BPL-200, BPL-300, BPL-400, BPL-500, BPL-OEM, B-PB10

Description:

A recombinant *E. coli* strain carrying the *Bst* DNA Polymerase gene (large fragment).

Protocol:

Add 5 μ l 10x PCR buffer II.

Add primers to final conc of 400 nM.

Add 1 μ l DNA polymerase, large fragment (8 U/ μ l).

Add template.

Add H₂O to final volume of 50 μ l.

Carry out thermal cycling.

Cycling parameters will vary depending on primer T_m and amplicon lengths.

Extension speed: 30 seconds / kb.