

Escherichia coli Virulence Target eaeA Primers

Catalog No. NR-12196

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Product Description: NR-12196 contains forward and reverse primers that specifically amplify a region of the virulence target, *eaeA* (intimin), found on the chromosome of enterohemorrhagic (EHEC) and enteropathogenic *Escherichia coli* (*E. coli*; EPEC). Note: *E. coli* 12-Target Multiplex PCR 10X Buffer (BEI Resources NR-13440) will be provided with your shipment of NR-12196.

Lot: 58459941

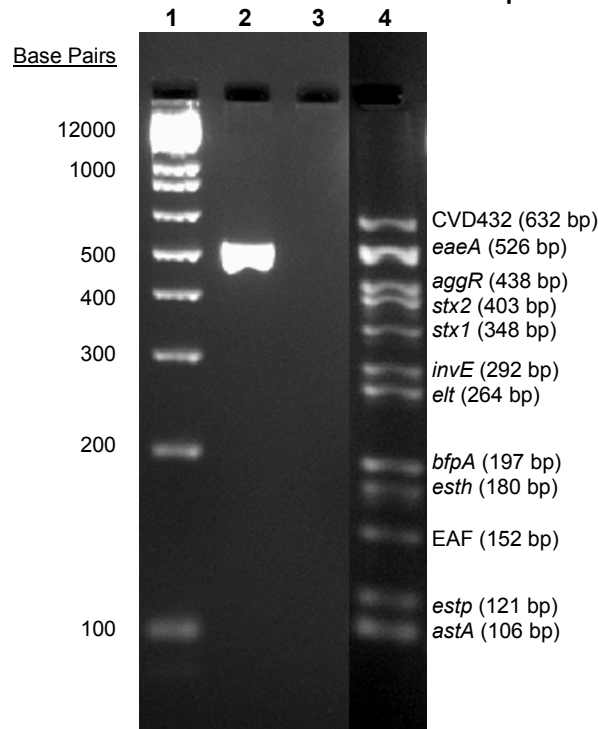
Manufacturing Date: 29OCT2008

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing^{1,2} Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 526 bp (Figure 1) <i>eaeA</i>
Specificity	Specific for <i>eaeA</i>	Specific for <i>eaeA</i>
Concentration of Each Primer	Report results	10 µM

¹Genomic DNA from EHEC strain EDL933 (BEI Resources NR-2648) was used as template.

²The primers were designed at BEI Resources.

Figure 1: PCR Amplification of Virulence Target *eaeA* using NR-12196 Primers and NR-2648 Template DNA



Lane 1: Invitrogen™ 1Kb Plus DNA Ladder™

Lane 2: Amplicon (NR-12196 primers and NR-2648 template DNA)

Lane 3: Negative control (NR-12196 primers without NR-2648 template DNA)

Lane 4: Virulence Target Ladder (BEI Resources NR-12150)

Certificate of Analysis for NR-12196

Date: 02 MAY 2012

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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