Escherichia coli Virulence Target elt Primers

Catalog No. NR-12201

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Product Description: NR-12201 contains forward and reverse primers that specifically amplify a region of the virulence target heat labile enterotoxin, elt, found on plasmid pJY11 of enterotoxigenic Escherichia coli (E. coli; ETEC). Note: E. coli 12-Target Multiplex PCR 10X Buffer (BEI Resources NR-13440) will be provided with your shipment of NR-12201.

Lot: 58459946

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
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<tr>
<td>PCR Amplification and Sequencing&lt;sup&gt;1,2&lt;/sup&gt;</td>
<td>Amplicon size</td>
<td>Expected size</td>
</tr>
<tr>
<td></td>
<td>NCBI blast of sequence</td>
<td>Expected sequence</td>
</tr>
<tr>
<td>Specificity</td>
<td>Specific for elt</td>
<td>Specific for elt</td>
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<tr>
<td>Concentration of Each Primer</td>
<td>Report results</td>
<td>10 µM</td>
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</table>

<sup>1</sup> Genomic DNA from ETEC, strain H10407 (BEI Resources NR-2647) was used as template.

<sup>2</sup> The primers were designed at BEI Resources.

Figure 1: PCR Amplification of Virulence Target elt using NR-12201 Primers and NR-2647 Template DNA

Lane 1: Invitrogen™ 1Kb Plus DNA Ladder™
Lane 2: Amplicon (NR-12201 primers and NR-2647 template DNA)
Lane 3: Negative control (NR-12201 primers without NR-2647 template DNA)
Lane 4: Virulence Target Ladder (BEI Resources NR-12150)

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