**Yersinia pestis**, Strain KIM, Gateway® Clone Set, Recombinant in *Escherichia coli*, Plate 14

**Catalog No. NR-19610**

This reagent is the tangible property of the U.S. Government.

**Product Description:** The *Yersinia pestis* (*Y. pestis*), strain KIM, Gateway® clone set consists of 43 plates (plate 2 of this clone set has been discontinued) which contain more than 3600 sequence validated clones from *Y. pestis*, strain KIM cloned in *Escherichia coli* (*E. coli*) DH10B-T1 cells.

**Note:** Production in the 96-well format has increased risk of cross-contamination between adjacent wells. Individual clones should be purified (e.g. single colony isolation and purification using good microbiological practices) and sequence-verified prior to use. BEI Resources cannot confirm or validate any clone not identified on the plate information table found on the Product Information Sheet.

**Lot¹: 60864354**

<table>
<thead>
<tr>
<th>TEST</th>
<th>SPECIFICATIONS</th>
<th>RESULTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Direct Sequencing of an Entry Vector Clone (Well A04)</td>
<td>Confirmation of plate orientation Confirmation of clone identity</td>
<td>Orientation confirmed Clone identity confirmed</td>
</tr>
<tr>
<td>Viability (post-freeze)¹</td>
<td>Report results</td>
<td>Growth from inoculated wells</td>
</tr>
<tr>
<td>Purity (post-freeze)¹</td>
<td>Report results</td>
<td>Wells with growth exhibit single colony type consistent with <em>E. coli</em></td>
</tr>
</tbody>
</table>

¹All plates incubated approximately 18 to 24 hours at 37°C and aerobic atmosphere on Luria Bertani agar with 50 µg/mL kanamycin

**Date:** 19 OCT 2012

**Signature:** [Signature]

**Title:** Technical Manager, BEI Authentication or designee

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