

***Yersinia pestis* pMT1 Primer Set**

**Catalog No. NR-9687**

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

**Product Description:** NR-9687 contains forward and reverse primers that specifically amplify *Yersinia pestis* plasmid pMT1.

**Lot: 58110901**

**Manufacturing Date: 21MAR2008**

TEST	SPECIFICATIONS	RESULTS	
		Forward	Reverse
<b>PCR Amplification and Sequencing<sup>1</sup></b> Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 1200 bp pMT1	
<b>Specificity<sup>2</sup></b>	Specific for pMT1	Specific for pMT1	
<b>Concentration (µM)</b>	Report results	5 µM	5 µM

<sup>1</sup>BEI Resources NR-2715 (Genomic DNA from *Yersinia pestis*, Strain ZE94-2122) was used as template.  
<sup>2</sup>Confirmed using a genomic DNA panel from eight *Yersinia pestis* organisms with known plasmid profiles (BEI Resources NR-2715, NR-2716, NR-2717, NR-2718, NR-2719, NR-2720, NR-2644 and NR-2645). Genomic DNA from twenty-five *Yersinia* organisms that contain no plasmids, two *Francisella* organisms and one *Escherichia coli* organism were used as negative controls for specificity.

**Date:** 27 JAN 2010

**Signature:** Signature on File

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

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