

***Yersinia pestis* pPCP1 Primer Set**

Catalog No. NR-9686

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

Product Description: NR-9686 contains forward and reverse primers that specifically amplify *Yersinia pestis* plasmid pPCP1.

Lot: 58110900

Manufacturing Date: 21MAR2008

TEST	SPECIFICATIONS	RESULTS	
		Forward	Reverse
PCR Amplification and Sequencing¹ Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 400 bp pPCP1	
Specificity²	Specific for pPCP1	Specific for pPCP1	
Concentration (µM)	Report results	10 µM	5 µM

¹BEI Resources NR-2715 (Genomic DNA from *Yersinia pestis*, Strain ZE94-2122) was used as template.

²Confirmed 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: 10 APR 2008

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the vendor or by ATCC® to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

