

***Yersinia pestis* pCD1 Primer Set**

Catalog No. NR-9688

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Product Description: NR-9688 contains forward and reverse primers that specifically amplify *Yersinia pestis* plasmid pCD1.

Lot: 58110902

Manufacturing Date: 21MAR2008

TEST	SPECIFICATIONS	RESULTS	
		Forward	Reverse
PCR Amplification and Sequencing¹ Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 1900 bp pCD1	
Specificity²	Specific for pcD1	Specific for pCD1	
Concentration (µM)	Report results	5 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: 27 JAN 2010

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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