

Dengue Virus Type 2 Primers

Catalog No. NR-12079

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Product Description: NR-12079 contains forward and reverse primers that specifically amplify a region of the E gene of dengue virus type 2 (DENV-2).

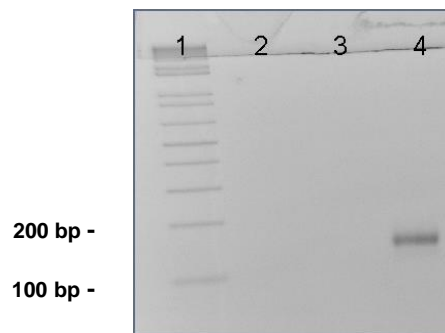
Lot: 58662425

Manufacturing Date: 20JUL2009

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing¹ Amplicon size NCBI blast of sequence	Expected size Expected sequence	~ 134 bp (Figure 1) E
Specificity	Specific for DENV-2 E	Specific for DENV-2 E
Concentration of Each Primer	Report results	50 µM

¹Viral genomic RNA from DENV-2, New Guinea C (BEI Resources NR-84) was extracted using a Qiagen QIAamp[®] Viral RNA Mini kit and used as template.

Figure 1: RT-PCR Amplification of Genomic RNA from DENV-2, New Guinea C Using NR-12079



Lane 1: Invitrogen™ 1 Kb Plus DNA Ladder™
 Lane 2: Negative Control (Water)
 Lane 3: Negative Control (RNA from Dengue Virus Type 1, Hawaii; BEI Resources NR-82)
 Lane 4: RNA from DENV-2, New Guinea C (BEI Resources NR-84)
Note: The viral genomic RNA is in a background of cellular and carrier RNA.

Date: 19 AUG 2009

Signature: Signature on File
Title: Technical Manager, BEI Authentication or designee

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