

Dengue Virus Type 2 Primers

Catalog No. NR-12079

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: 60300854

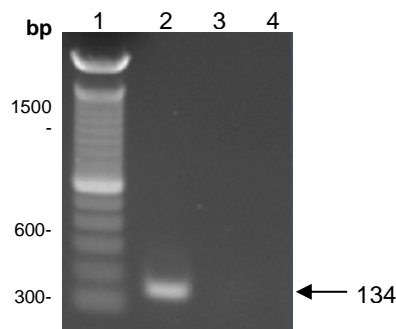
Manufacturing Date: 23AUG2011

TEST	SPECIFICATIONS	RESULTS
PCR Amplification and Sequencing^{1,2} Amplicon size	Expected size	~ 134 bp (Figure 1)
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. The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA.

²The viral genomic RNA is in a background of cellular and carrier RNA.

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



Lane 1: Invitrogen™ Track-It 100bp DNA Ladder™

Lane 2: RNA from DENV-2, New Guinea C (BEI Resources NR-84)

Lane 3: Negative Control (RNA from Dengue Virus Type 4; BEI Resources NR-061)

Date: 16 NOV 2011

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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