

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). The viral genomic RNA from DENV-2, New Guinea (NGC) (BEI Resources NR-4288) was used as the template.

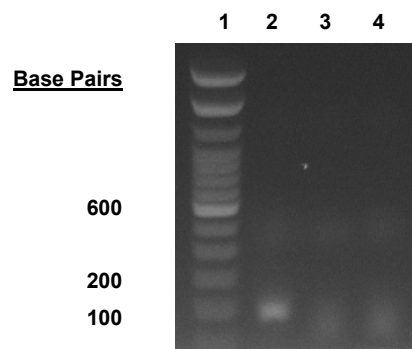
Lot: 70075187

Manufacturing Date: 29APR2025

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

¹Recommended annealing conditions: 54°C for 30 seconds.

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



Lane 1: Invitrogen™ TrackIt™ 100 Base Pair Ladder
 Lane 2: RNA from DENV-2, New Guinea (NGC) (BEI Resources NR-4288)
 Lane 3: RNA from DENV-4, H241 (BEI Resources NR-4289)
 Lane 4: Negative Control (Water)

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

/Sonia Bjorum Brower/
 Sonia Bjorum Brower

Technical Manager or designee, ATCC Federal Solutions

18 AUG 2025

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected 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.

