

DENGUE 4 VIRUS RNA CONTROL

MBC058: Purified RNA of Dengue 4.

LOT SPECIFICATIONS:

Microorganism: Dengue 4.

Preparation: Grown in VERO infected cells.

TECHNICAL DATA:

Presentation: Lyophilized.

Concentration: 50 ng/μl when reconstituted.

Instructions for reconstitution:

- 1.-Centrifuge 1 minute at 1000 g.
- 2.-Add 50 μl of sterile bidistilled water and mix until completely resuspended. The concentration will be 50 ng/μl.
- 3.-Shake with vortex for 30 seconds to dissolve and homogenize completely.

Extract preparation: Guanidine thiocyanate solubilization, 2 M sodium acetate treatment, phenol/chloroform extraction and ethanol precipitation.

Shipping and storage:

Special transport conditions not required. Reconstitute upon receipt. Store between -70°C and -90°C after reconstitution. Avoid multiple freeze-thaw cycles as product degradation may result.

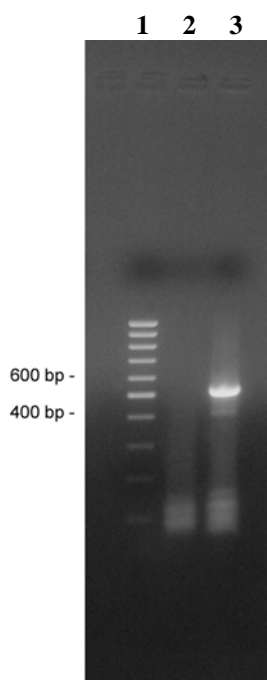
Recommendations and precautions:

This product is not for diagnostic use.

This product is for research use only.

This lot of RNA was prepared from Dengue 4. The material should be handled and disposed of as potentially infectious. Observe the local regulations for clinical waste disposal.

RT-PCR analysis of RNA control: RT-PCR analysis was performed with specific oligo pair on 50 ng of purified Dengue 4 RNA. The reaction produced a 511 bp fragment. It was visualized on a 2% agarose gel using ethidium bromide staining. The gel photograph is shown below:



Line	Sample
1	Molecular size marker (100 bp)
2	Negative control
3	511 bp amplified fragment

For any question please contact:
customerservice@vircell.com

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FOR RESEARCH USE ONLY

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