**Source:** Quantitative Genomic RNA from Zika virus

**Description:** ATCC® Genuine Nucleics can be used for assay development, verification, validation, monitoring of day-to-day test variation and lot-to-lot performance of molecular-based assays. The quantitative format allows for the generation of a standard curve for quantitative PCR (qPCR) to determine viral load.

**Note:** RNA is easily degraded. Take extra precautions against contamination by using new gloves and clean lab coats when handling this product. Vortexing can damage the RNA. Gentle pipetting is highly recommended. Aliquoting is highly recommended to avoid multiple freeze-thaws, which can damage the RNA.

Refer to the Certificate of Analysis for batch-specific test results.

**Preparation Procedure**

1. Thaw the vial at room temperature and immediately place on ice. Avoid exposing the RNA to repeated freeze-thaw cycles as it may result in degradation of the RNA.
2. Gently mix the sample to ensure an even distribution of material.
3. Briefly centrifuge the tube before opening to ensure all liquid is at the bottom.

**Intended Use**

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

**Citation of Strain**

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: Quantitative Genomic RNA from Zika virus (ATCC® VR-1838DQ™)

**Nucleic Acid Information**

Specification range: ≥1 x 10⁵ copies/µL

100 µL per vial

**ATCC Warranty**

The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

**Disclaimers**

This product is intended for laboratory research purposes only. It is not intended for use in humans.

While ATCC uses reasonable efforts to include accurate and up-to-date information on this product sheet, ATCC makes no warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. ATCC does not warrant that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, and use. ATCC is not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to insure authenticity and reliability of strains on deposit, ATCC is not liable for damages arising from the misidentification or misrepresentation of cultures.

Please see the enclosed Material Transfer Agreement (MTA) for further details regarding the use of this product. The MTA is also available on our Web site at www.atcc.org.

Additional information on this culture is available on the ATCC web site at www.atcc.org.

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