**Description**

**Source:** Quantitative Genomic RNA from Reovirus 3  
**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 working with RNA. Use only RNase-free lab materials 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.

**Batch-Specific Information**

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.  
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 Reovirus 3 (ATCC® VR-824DQ™)

**Nucleic Acid Information**

Specification range: ≥1 x 10^5 copies/µL  
100 µL per vial

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