Please read this FIRST

**Storage Temp.**
-70°C or colder

**Biosafety Level**
1

**Intended Use**
This product is intended for research and diagnostic use only. It is not intended for any animal or human therapeutic 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 Synthetic Middle East respiratory syndrome coronavirus (MERS-CoV) RNA (ATCC® VR-3248SD™)

**Nucleic Acid Information**
Specification range: 1 x 10⁹ to 1 x 10¹⁰ copies/µL
100 µL per vial with Biomatrica RNAstable

**Preparation Procedure**
1. Thaw the vial at room temperature and immediately place on ice. Avoid exposing the synthetic RNA to repeated freeze-thaw cycles as it may result in degradation of the RNA and variation in copy number.
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

**Biosafety Level: 1**
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories. The Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

**ATCC Warranty**
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**Disclaimers**
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