# RSV-A (A2 Strain) Quantitated Viral RNA

| | |
|---|---|
| Catalog Number: | 23-247-108 |
| Lot Number: | J0205-2 |
| Product Description: | Human Respiratory Syncytial Virus (A2 Strain) purified, RNA extracted and quantitated. |
| Unit Size | 1 Tube |
| Reconstitution Volume: | 25 µL |
| Reconstitution Buffer: | Molecular Grade Water (RNase-Free) |
| Final Buffer: | 10 mM Tris, 0.1mM EDTA pH 8.0<br>(When using recommended reconstitution volume) |

## QUALITY CONTROL DATA

| | |
|---|---|
| RNA Concentration by digital RT-PCR: | $1.3 \times 10^8$ copies/mL |
| Digital Analysis: | Digital RT-PCR was performed on RNA using proprietary primers and probes specific for the N gene region of RSV-A. |
| RNA Quantitation: | RNA copy number was determined by digital RT-PCR. RNA copy number may vary depending on quantitation method and primers used. |

## PRODUCT DETAILS

| | |
|---|---|
| Shipping and Storage: | This product is shipped dried in a stabilizing inert matrix. **Store at room temperature upon receipt.** Do not open the foil pouch until ready to use. |
| Recommendations For Use: | **Store in sealed foil pouch until ready to use. Briefly centrifuge inner tube prior to opening. Reconstitute the inner tube with 25 µL of Molecular Grade Water (RNase-Free) and pulse vortex to mix. Centrifuge the vial briefly to remove residual droplets from the sides and lid. After 10 minutes at room temperature, vortex again and briefly centrifuge. The reconstituted product is stable for up to 8 hours at room temperature.** |
| Applications For Use: | Advanced Biotechnologies' quantitated PCR controls are prepared from virus, bacteria, parasites, or mollicutes, and are intended for use as positive PCR quantitation standards for the organism in question. Due to the nature of these products, we cannot guarantee their suitability as extraction controls. Additionally, due to the extreme sensitivity of detection in PCR reaction, and since no method of purification can guarantee the complete absence of extraneous agents, PCR controls are not intended for use as negative controls for other organisms. |
| Safe Handling Recommendation: | The RNA extraction procedure used has been shown to eliminate the infectivity of most viruses and bacteria; therefore, this product is not considered biohazardous. However, this product is not specifically tested and should be handled in accordance with Good Laboratory Practices and any applicable local guidelines. |

**This product is for research use only.**
**Not for use in diagnostic procedures.**

Quality Control

04/11/2018
Date

Quick. Easy. Technical support.

www.abionline.com/contact-us/

ADVANCED BIOTECHNOLOGIES INC

# CERTIFICATE OF ANALYSIS

**P:** (410) 792-9779 / (800) 426-0764 **F:** (301) 497-9773
1545 Progress Way, Eldersburg, MD 21784