

Genomic RNA from Human Respiratory Syncytial Virus, A1998/3-2

Catalog No. NR-44229

Product Description: Genomic RNA was isolated from a preparation of cell lysate and supernatant from HEp-2 cells¹ infected with human respiratory syncytial virus (RSV), A1998/3-2.

Lot²: 61968413

Manufacturing Date: 27AUG2013

TEST	SPECIFICATIONS	RESULTS
Sequencing of Species-Specific Region (820 nucleotides)	Consistent with human RSV, A1998/3-2 virus Identical to NR-28529	99% identity with human RSV, A1998/3-2 virus (GenBank: JX069801) Identical to NR-28529
Functional Activity by RT-PCR Amplification³	~ 900 bp amplicon	~ 900 bp amplicon (See Figure 1)
Total RNA Content by RiboGreen[®] Measurement (Viral, Cellular and Carrier)	Report results	153 ng per 100 µL
Virus Inactivation 10% of total yield inoculated on HEp-2 cells ¹ and evaluated for cytopathic effect and expression of viral antigens ^{4,5}	No virus detected	No virus detected

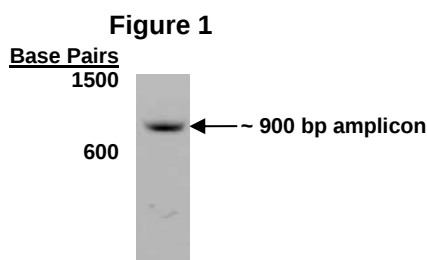
¹HEp-2 cells: ATCC[®] CCL-23[™]

²Nucleic acid was extracted from a preparation of Human Respiratory Syncytial Virus, A1998/3-2 (BEI Resources NR-28529, Lot 59927457), using a QIAamp[®] Viral RNA Mini Kit (Qiagen 52906).

³Amplified using iScript[™] One-Step RT-PCR Kit with SYBR[®] Green (Bio-Rad 170-8892) with 2 µL of NR-44229 in a 25 µL reaction

⁴Using LIGHT DIAGNOSTICS[™] Respiratory Syncytial Virus FITC Reagent (Millipore 5022)

⁵Use of the QIAamp[®] Viral RNA Mini Kit has been demonstrated to consistently inactivate 100% of human respiratory syncytial virus, as shown by the absence of cytopathic effect (CPE) and expression of viral antigens after plating the entire extract on virus-susceptible cells.



Date: 04 NOV 2013

Signature:

Michael R. Goff

Title:

Technical Manager, BEI Authentication or designee

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