

Genomic RNA from Human Respiratory Syncytial Virus, A1997/12-35

Catalog No. NR-43976

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), A1997/12-35.

Lot²: 61727102

Manufacturing Date: 01NOV2013

TEST	SPECIFICATIONS	RESULTS
Sequencing of Species-Specific Region (860 nucleotides)	Consistent with human RSV, A1997/12-35 virus Identical to NR-28527	100% identity with human RSV, A1997/12-35virus (GenBank: JX069800) Identical to NR-28527
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	242 ng per 100 µL
Virus Inactivation 10% of total yield inoculated on HEp-2 cells ¹ and evaluated for expression of viral antigens ⁴	No virus detected	No virus detected

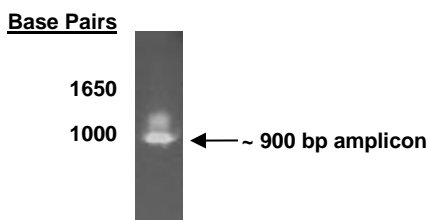
¹HEp-2 cells: ATCC[®] CCL-23[™]

²Nucleic acid was extracted from a preparation of Human Respiratory Syncytial Virus, A1997/12-35 (BEI Resources NR-28527, Lot 61788280), 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 5 µL of NR-43976 in a 25 µL reaction

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

Figure 1



Date: 02 APR 2014

Signature: *Michael R. Gynther*

Title: Technical Manager, BEI Authentication or designee

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