

Genomic RNA from Sindbis Virus, EgAr 339

Catalog No. NR-34801

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Product Description: Genomic RNA was isolated from a preparation of Clarified supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6) infected with Sindbis virus, EgAr 339.

Lot¹: 61057256

Manufacturing Date: 02JUL2012

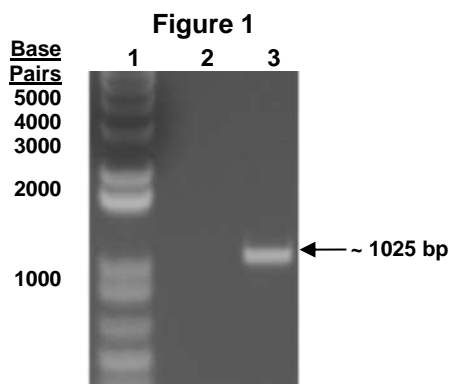
TEST	SPECIFICATIONS	RESULTS
Sequencing of Hepatitis A Specific Region Polyprotein gene (902 nucleotides)	Consistent with Sindbis virus Identical to NR-15695	Consistent with Sindbis virus Identical to NR-15695
Functional Activity by RT-PCR Amplification²	~ 1025 bp amplicon	~ 1025 bp amplicon (See Figure 1)
Total RNA Content by RiboGreen[®] Measurement (Viral, Cellular and Carrier)	Report results	3.0 ng per 100 µL
Virus Inactivation 10% of total yield inoculated on Vero E6 cells ³ and evaluated for cytopathic effect ⁴	No virus detected	No virus detected

¹Nucleic acid was extracted from a preparation of Sindbis virus, EgAr 339 (BEI Resources NR-15695; Lot 58885797), using a QIAamp[®] Viral RNA Mini Kit (Qiagen 52906).

²Amplified using One-Step RT-PCR Kit (Qiagen 210212) with 5µL of NR-34801 in a 50 µL reaction

³Vero E6 cells; ATCC[®] CRL-1586[™]

⁴Use of the QIAamp[®] Viral RNA Mini Kit has been demonstrated to consistently inactivate 100% of Sindbis virus as shown by the absence of cytopathic effect (CPE) after plating the entire extract on virus-susceptible cells.



Lane 1: Invitrogen[™] TrackIt[™] 1 Kb Plus DNA

Ladder

Lane 2: Negative control

Date: 04 SEP 2012

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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