Sindbis Virus, EgAr 339

Catalog No. NR-15695
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Contributor and Manufacturer:
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Product Description:

Virus Classification: Togaviridae, Alphavirus
Species: Sindbis virus
Strain: EgAr 339
Original Source: Sindbis virus, EgAr 339 was originally isolated in 1952 in the Sindbis health district north of Cairo, Egypt from a pool of mosquitoes (Culex pipiens and Culex univittatus).1,2
Comments: EgAr 339 is the prototype strain of Sindbis virus, which is the etiologic agent of Sindbis fever and is antigenically closely related to western equine encephalitis virus.3 Sindbis viruses have recently been identified as the causative agents of Karelian fever, Ockelbo disease and Pogosta disease.4,5 These infections are characterized by arthritis, fatigue, fever, headache and rash.6

Material Provided:
Each vial contains approximately 1 mL of clarified supernatant from Cercopithecus aethiops kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with Sindbis virus, EgAr 339.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

Packaging/Storage:
NR-15695 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -70°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

Growth Conditions:
Host: Vero E6 cells (ATCC® CRL-1586)
Growth Medium: Eagle’s Minimum Essential Medium supplemented with 10% fetal bovine serum, 1% L-glutamine and 1% sodium pyruvate, or equivalent
Infection: Cells should be approximately 90% confluent
Incubation: 2 to 4 days at 37°C and 5% CO2
Cytopathic Effect: Rounding and detachment

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Sindbis Virus, EgAr 339, NR-15695.”

Biosafety Level: 2

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References:

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Page 1 of 2


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