Seoul Hantavirus, Baltimore

Catalog No. NR-9382
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Manufacturer: BEI Resources

Product Description:
Virus Classification: Bunyaviridae, Hantavirus
Species: Seoul hantavirus
Strain: Baltimore
Original Source: Seoul hantavirus, Baltimore was isolated from a Norway rat (Rattus norvegicus) in Baltimore, Maryland, USA in 1985.1,2
Comments: Seoul hantavirus is a species of hantavirus, the etiologic agent of Korean hemorrhagic fever,3,4 one of a group of similar hemorrhagic fevers with renal syndrome (HFRS).5 A domestically acquired case of HFRS caused by Seoul hantavirus, Baltimore was reported in a patient in Baltimore, Maryland, in 2008.6

Material Provided:
Each vial contains approximately 1 mL of cell lysate and supernatant from Cercopithecus aethiops kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with Seoul hantavirus, Baltimore.

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

Packaging/Storage:
NR-9382 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -60°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 2% fetal bovine serum
Infection: Cells should be 70% to 80% confluent
Incubation: 10 to 14 days at 37°C and 5% CO₂
Cytopathic Effect: None observed; confirmation of infectivity by RT-PCR is recommended.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Seoul Hantavirus, Baltimore, NR-9382.”

Biosafety Level: 3

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References:
2. Childs, J. E. et al. “Epizootiology of Hantavirus Infections in Baltimore: Isolation of a Virus from Norway Rats, and


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