Product Information Sheet for NR-9370

Hantaan Virus, Fojnica

Catalog No. NR-9370
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For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:

Virus Classification: Bunyaviridae, Hantavirus
Species: Hantaan virus
Strain: Fojnica
Original Source: Hantaan virus, Fojnica was isolated from the lung tissue of a yellow-necked field mouse (Apodemus flavicollis) captured in Fojnica, Bosnia and Herzegovina, in 1984.

Comments: Hantaan virus is the etiologic agent of Korean hemorrhagic fever, one of a group of similar hemorrhagic fevers with renal syndrome (HFRS) caused by hantavirus infection. The Fojnica variant may be responsible for clinically severe cases of HFRS in the republics of the former Yugoslavia.

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

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

Packaging/Storage:
NR-9370 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 60% to 70% confluent
Incubation: 13 to 14 days at 37°C and 5% CO₂
Cytopathic Effect: Inconsistent; cellular degeneration may or may not be 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: Hantaan Virus, Fojnica, NR-9370."

Biosafety Level: 3

Disclaimers:
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References:

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