Whitewater Arroyo Virus, AV 9310135

Catalog No. NR-12237
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For research use only. Not for human use.

Contributor and Manufacturer:
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Product Description:
Virus Classification: Arenaviridae, Arenavirus
Species: Whitewater Arroyo virus
Strain: AV 9310135
Original Source: Whitewater Arroyo virus (WWAV), AV 9310135 was originally isolated in 1993 from a white-throated woodrat, Neotoma albigula (N. albigula) in Whitewater Arroyo, McKinley County, New Mexico, USA.
Comments: AV 9310135 is the prototype strain of WWAV, and N. albigula is its reservoir host. WWAV has been tentatively associated with hemorrhagic fever and acute respiratory distress syndrome, acute central nervous system disease, and undifferentiated febrile illness in humans in the United States. Both the large (L) and small (S) RNA genome segments of WWAV, 9310135 have been sequenced [GenBank: AY924395 (L), AF228063 (S)].

Material Provided:
Each vial contains approximately 1 mL of clarified supernatant from Cercopithecus aethiops kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with Whitewater Arroyo virus, AV 9310135.

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

Packaging/Storage:
NR-12237 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 containing 2 mM L-glutamine, 1 mM sodium pyruvate, and 1500 mg/mL sodium bicarbonate, supplemented with 2% fetal bovine serum
Infection: Cells should be 60% to 70% confluent
Incubation: 10 to 14 days at 37°C and 5% CO₂
Cytopathic Effect: None observed

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Whitewater Arroyo Virus, AV 9310135, NR-12237.”

Biosafety Level: 3

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References:


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