Product Information Sheet for NR-9535

Allpahuayo virus, CLHP-2098

Catalog No. NR-9535

For research use only. Not for human use.

Contributor and Manufacturer:
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Product Description:

Virus Classification: Arenaviridae, Mammarenavirus
Species: Allpahuayo mammarenavirus
Strain: CLHP-2098

Original Source: Allpahuayo virus, CLHP-2098 was isolated from an arboreal rice rat (Oecomys bicolor) collected in 1997 at the Allpahuayo Biological Station in northeastern Peru.¹

Comments: The taxonomy of the family Arenaviridae has recently been revised with the creation of a new genus (Reptarenavirus) and the renaming of the genus Arenavirus as Mammarenavirus. To remove ambiguity between species and virus names, previously accepted species names were replaced with non-Latinized binomial names distinct from the virus names. Thus, Allpahuayo mammarenavirus is the new taxonomic home of Allpahuayo virus.²

Allpahuayo virus has been identified as a member of the Tacaribe complex by serological and genetic studies. CLHP-2098 is the prototype strain, and the small (S) genome segment encoding the glycoprotein precursor and nucleocapsid proteins has been sequenced (GenBank: AY012686 and AY081210).³

Material Provided:
Each vial contains approximately 1 mL of clarified supernatant from Cercopithecus aethiops kidney epithelial cells (Vero E6®; ATCC® CRL-1586™) infected with Allpahuayo virus, CLHP-2098.

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

Packaging/Storage:
NR-9535 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: Slight refractile cell rounding. CPE is not always observed.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Allpahuayo virus, CLHP-2098, NR-9535.”

Biosafety Level: 3

Disclaimers:
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References:
2. ICTV Taxonomy History for Allpahuayo mammarenavirus

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