Chikungunya Virus, H 20235-St. Martin-2013

Catalog No. NR-49901

For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:

Virus Classification: Togaviridae, Alphavirus
Species: Chikungunya virus
Strain/Isolate: H 20235-St. Martin-2013
Original Source: Chikungunya virus (CHIKV), H 20235-St. Martin-2013 was isolated from a human in Saint Martin in 2013, and contributed to WRCEVA by the European Virus Archive, Unité des Virus Emergents, Marseille, France.  The complete genome of CHIKV, H 20235-St. Martin-2013 has been sequenced (GenBank: MG208125).

Chikungunya fever is a febrile illness often accompanied by relapsing and incapacitating polyarthralgia. In recent years, CHIKV has spread widely throughout Africa and Asia resulting in morbidity in millions of infected individuals. There are currently no recognized antiviral therapies or human vaccines with which to control infections due to CHIKV.

Material Provided:
Each vial contains approximately 1 mL of cell lysate and supernatant from Cercopithecus aethiops kidney epithelial cells (Vero 76, clone E6; ATCC® CRL-1586™) infected with CHIKV, H 20235-St. Martin-2013.

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

Packaging/Storage:
NR-49901 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen and should be stored at -80°C or colder immediately upon arrival. For long-term storage, the vapor phase of a liquid nitrogen freezer is required. For safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

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Infection: Cells should be 70% to 80% confluent
Incubation: 3 to 7 days at 37°C and 5% CO₂
Cytopathic Effect: Cell rounding and detachment

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH, as part of the WRCEVA program: Chikungunya Virus, H 20235-St. Martin-2013, NR-49901.”

Biosafety Level: 3

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References:
1. Tesh, R. B., Personal Communication

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