
Catalog No. NR-43280
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For research use only. Not for human use.

Contributor:
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Manufacturer:
BEI Resources

Product Description:

**Virus Classification**: Flavivirus, Flaviviridae  
**Species**: Dengue virus type 2  

The complete genome of dengue virus type 2, DENV-2/US/BID-V594/2006 has been sequenced (GenBank: EU482725).

Dengue virus causes the most common vector-borne viral disease of humans, with over 50 million cases in tropical and subtropical regions each year. The disease is now endemic in over 110 countries in the world, with Southeast Asia and the Western Pacific being the most seriously affected. Dengue disease is caused by one of four closely related, but antigenically distinct serotypes (designated DEN-1 to -4). Infections produce a spectrum of clinical illness ranging from a nonspecific viral syndrome to severe and fatal hemorrhagic disease. Humans are the major host of dengue virus, with *Aedes* mosquitoes as the principal vectors.

**Material Provided**:  
Each vial contains approximately 1 mL of cell lysate and supernatant from *Aedes albopictus* mosquito larval epithelial cells (clone C6/36; ATCC® CRL-1660™) infected with dengue virus type 2, DENV-2/US/BID-V594/2006.

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

**Packaging/Storage**:  
NR-43280 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.

**Biosafety Level**: 2


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References:

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