Genomic RNA from Nipah Virus, 200401066 Bangladesh

Catalog No. NR-50800

For research use only. Not for use in humans.

Contributor:
World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Texas, USA, under government contract

Manufacturer:
BEI Resources

Product Description:
Genomic RNA was isolated from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with Nipah Virus, 200401066 Bangladesh. Nipah virus (NV) is one of two species in the genus *Henipavirus*, in the family *Paramyxoviridae*. NV and Hendra virus (HV) differ from other paramyxoviruses in that they both have a broad range of hosts, both in vivo and in vitro. NV was first isolated in 1998 and 1999 in Malaysia in humans closely associated with pigs. In May 2004, NV was isolated at Centers for Disease Control and Prevention, Atlanta, Georgia, USA, in a human outbreak in Bangladesh which resulted in a case-fatality rate of nearly 75%. Although at first it was believed that human-to-human transmission did not occur, it has since been determined that it does. It has been detected on surfaces as well, and nosocomial infections are not infrequent.

Material Provided:
Each vial contains approximately 100 µL of viral genomic RNA in nuclease-free water. The viral genomic RNA is in a background of cellular nucleic acid and carrier RNA. The vial should be centrifuged prior to opening.

Packaging/Storage:
NR-50800 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -60°C or colder immediately upon arrival. Freeze-thaw cycles should be minimized.

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic RNA from Nipah Virus, 200401066 Bangladesh, NR-50800.”

Biosafety Level: 1
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 6th ed.

Disclaimers:
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References:

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