

Genomic RNA from Usutu Virus, SAAR 1776

Catalog No. NR-51219

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic RNA was extracted from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with Usutu virus (USUV), SAAR 1776.

USUV, SAAR 1776 was isolated in 1959 from a mosquito (*Culex univittatus*) in Ndumo, Natal, South Africa.^{1,2}

NR-51219 has been qualified for PCR applications by amplification of an approximately 1100 base pairs of the NS3-NS4 gene.

Material Provided:

Each vial contains approximately 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7.0). 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-51219 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 Usutu Virus, SAAR 1776, NR-51219.”

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](#). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Russell, B., Personal Communication.
2. Bakonyi, T., et al. “Complete Genome Analysis and Molecular Characterization of Usutu Virus that Emerged in Austria in 2001: Comparison with the South African Strain SAAR-1776 and Other Flavivirus.” *Virology* 328 (2004): 301-310. PubMed: 15464850.

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