

**Genomic RNA from Usutu Virus, ENT MP 1626**

**Catalog No. NR-51220**

**For research use only. Not for human use.**

**Contributor:**

Brandy Russell, Centers for Disease Control and Prevention, Division of Vector Borne Diseases, Fort Collins, Colorado, USA

**Manufacturer:**

BEI Resources

**Product Description:**

Genomic RNA was extracted from a preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) infected with Usutu virus (USUV), ENT MP 1626. USUV, ENT MP 1626 was isolated in October 1962 from a mosquito (*Mansonia aurites*) pool in Zika Forest, Entebbe, Uganda.<sup>1,2</sup>

NR-51220 has been qualified for PCR applications by amplification of an approximately 1200 base pairs of the polyprotein gene. Recommended dilutions for successful RT-PCR amplification are indicated on the Certificate of Analysis for each lot.

**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-51220 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, ENT MP 1626, NR-51220."

**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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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**References:**

1. Russell, B., Personal Communication.
2. Williams, M. C., et al. "The Isolation of West Nile Virus from Man and of Usutu Virus from the Bird-Biting Mosquito *Mansonia aurites* (Theobald) in the Entebbe Area of Uganda." *Ann. Trop. Med. Parasitol.* 58 (1964): 367-374. PubMed: 14212897.

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