

**Genomic RNA from West Nile Virus, CO 1862**

**Catalog No. NR-50434**

**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

**Manufacturer:**

BEI Resources

**Product Description:**

Genomic RNA was isolated from a preparation of cell lysate and supernatant from *Chlorocebus* (formerly *Cercopithecus*) *aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with West Nile virus (WNV), CO 1862.<sup>1</sup> WNV, CO 1862 was isolated from a mosquito (*Culex tarsalis*) in Larimer County, Colorado, USA on August 10, 2004 and contributed to WRCEVA by Barry Beaty of the College of Veterinary Medicine and Biomedical Sciences, Colorado State University, Fort Collins, Colorado, USA.<sup>1</sup>

NR-50434 has been qualified for PCR applications by amplification of an approximately 950 base pairs of the glycoprotein 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 8.0). 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-50434 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 West Nile Virus, CO 1862, NR-50434.”

**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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

**Disclaimers:**

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**References:**

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

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