

**Genomic RNA from West Nile Virus, Bird 114 (WN02)**

**Catalog No. NR-9573**

**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), Bird 114.<sup>1</sup>

NR-9573 has been qualified for PCR applications by amplification of approximately 950 base pairs of the glycoprotein gene. The Certificate of Analysis for each lot indicates the recommended dilutions for successful RT-PCR amplification.

**Material Provided:**

Each vial contains approximately 100 µL of viral genomic RNA in TE buffer (10 mM Tris-HCl, 1 mM EDTA, pH 7 to 8). 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-9573 was packaged aseptically in 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, Bird 114 (WN02), NR-9573.”

**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.

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**References:**

1. Beasley, D. W. C., et al. “Limited Evolution of West Nile Virus Has Occurred during Its Southwesterly Spread in the United States.” *Virology* 309 (2003): 190-195. PubMed: 12758166.

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