

**Human Late Convalescent Plasma 011 to Zika Virus**

**Catalog No. NR-50621**

**Lot No. 70001933**

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

**Contributor and Manufacturer:**

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**Product Description:**

NR-50621 is convalescent plasma collected from a human subject who returned from travel to Haiti with a confirmed Zika virus (ZIKV) infection. The sample was obtained on August 30, 2016, two hundred forty-six days after the onset of symptoms. This case represents a primary flavivirus exposure based on virus- and type-specific neutralizing antibody titers obtained at various times after infection (see Functional Activity section below).<sup>1</sup>

**Material Provided:**

Each vial contains approximately 0.5 mL of plasma.

**Packaging/Storage:**

NR-50621 was packaged aseptically in screw-capped plastic cryovials. The product is provided frozen on dry ice and should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

**Functional Activity:**<sup>1,2</sup>

50% neutralization titers:

- ZIKV – 1176
- DENV1 – ≤ 30
- DENV2 – ≤ 30
- DENV3 – ≤ 30
- DENV4 – ≤ 30

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Human Late Convalescent Plasma 011 to Zika Virus, NR-50621.”

**Biosafety Level: 2**

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/bmb15/index.htm](http://www.cdc.gov/biosafety/publications/bmb15/index.htm).

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**References:**

1. Mulligan, M., Personal Communication.
2. Testing was performed on a matched serum sample obtained at the same time as this plasma.

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