

## Human Late Convalescent Plasma 001 to Zika Virus

**Catalog No. NR-50611**

**Lot No. 70001923**

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

### Contributor and Manufacturer:

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### Product Description:

NR-50611 is convalescent plasma collected from a human subject who returned from travel to Colombia with a suspected Zika virus (ZIKV) infection. The sample was obtained on August 30, 2016, two hundred thirty-three days after the onset of symptoms. This case represents a secondary 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 1.0 mL of plasma.

### Packaging/Storage:

NR-50611 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 – 542  
DENV1 – 5674  
DENV2 – 1867  
DENV3 – 4876  
DENV4 – 4586

### Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Human Late Convalescent Plasma 001 to Zika Virus, NR-50611.”

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