

Human Convalescent Plasma 168 to Zika Virus

Catalog No. NR-50662

Lot No. 70006175

For research use only. Not for human use.

Contributor and Manufacturer:

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Product Description:

NR-50662 is convalescent plasma collected from a human subject who had been exposed to Zika virus (ZIKV) while traveling abroad, possibly in Brazil in April 2015. The sample was obtained in February 2016, approximately 10 months after the onset of symptoms. This case represents a primary flavivirus exposure based on virus- and type-specific neutralizing antibody titers (see Functional Activity section below).¹ This immune plasma has not been heat inactivated.

Material Provided:

Each vial contains approximately 0.1 mL of plasma.

Packaging/Storage:

NR-50662 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:¹

50% neutralization titers:

- DENV1 – 25
- DENV2 – < 20
- DENV3 – 100
- DENV4 – < 20
- ZIKV – 1,258

Citation:

Acknowledgment for publications should read “The following reagent was obtained from the UNC/NIH Traveler Study through BEI Resources, NIAID, NIH: Human Convalescent Plasma 168 to Zika Virus, NR-50662.”

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.

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References:

1. deSilva, A. M., Personal Communication.

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