

Human Convalescent Plasma 011 V1 to Zika Virus

Catalog No. NR-50456

Lot No. 70008617

For research use only. Not for human use.

Contributor and Manufacturer:

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Product Description:

NR-50456 is convalescent plasma collected from a human subject who returned from travel to Haiti with a confirmed Zika virus infection. The sample was obtained on March 31, 2016, fifty-seven days 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

Material Provided:

Each vial contains approximately 25 µL of plasma.

Packaging/Storage:

NR-50456 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:

ZIKV – 7113
DENV1 – 63
DENV2 – 38
DENV3 – 128
DENV4 – 78

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Human Convalescent Plasma 011 V1 to Zika Virus, NR-50456.”

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.

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References:

1. Mulligan, M., Personal Communication.

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