Human Late Convalescent Plasma 002 to Zika Virus

Catalog No. NR-50613

Lot No. 70001925

For research use only. Not for human use.

Contributor and Manufacturer:
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Product Description: NR-50613 is convalescent plasma collected from a human subject who returned from travel to Colombia with a confirmed Zika virus (ZIKV) infection. The sample was obtained on August 30, 2016, two hundred thirty-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).

Material Provided: Each vial contains approximately 1.0 mL of plasma.

Packaging/Storage: NR-50613 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: 50% neutralization titers:
- ZIKV – 865
- DENV1 – ND (negative at earlier time points)
- DENV2 – ND (negative at earlier time points)
- DENV3 – ND (negative at earlier time points)
- DENV4 – ND (negative at earlier time points)

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Human Late Convalescent Plasma 002 to Zika Virus, NR-50613.”

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.

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References:
2. Testing was performed on a matched serum sample obtained at the same time as this plasma.

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