Human Late Convalescent Plasma 003 to Zika Virus

Catalog No. NR-50615

Lot No. 70001927

For research use only. Not for human use.

Contributor and Manufacturer:
Mark Mulligan, M.D., Hope Clinic, Emory Vaccine Center, and Division of Infectious Diseases, Department of Internal Medicine, Emory University School of Medicine, Atlanta, Georgia, USA

Product Description:
NR-50615 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 26, 2016, two hundred twenty-four 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).1

Material Provided:
Each vial contains approximately 0.5 mL of plasma.

Packaging/Storage:
NR-50615 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:1,2
50% neutralization titers:
ZIKV – 432
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 003 to Zika Virus, NR-50615.”

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.

Disclaimers:
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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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E-mail: contact@beiresources.org
Tel: 800-359-7370
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