Human Late Convalescent Serum 002 to Zika Virus

Catalog No. NR-50614

Lot No. 70001926

For research use only. Not for human use.

Contributor and Manufacturer:
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Product Description:
NR-50614 is convalescent serum 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-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).¹

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

Packaging/Storage:
NR-50614 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 – 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 Serum 002 to Zika Virus, NR-50614.”

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:

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