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.

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References:

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