**Human Late Convalescent Plasma 001 to Zika Virus**

**Catalog No. NR-50611**

**Lot No. 70001923**

For research use only. Not for human use.

**Contributor and Manufacturer:**
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**Product Description:**
NR-50611 is convalescent plasma 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-three days after the onset of symptoms. This case represents a secondary 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 1.0 mL of plasma.

**Packaging/Storage:**
NR-50611 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:**¹²
50% neutralization titers:
- ZIKV – 542
- DENV1 – 5674
- DENV2 – 1867
- DENV3 – 4876
- DENV4 – 4586

**Citation:**
Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Human Late Convalescent Plasma 001 to Zika Virus, NR-50611."

**Biosafety Level:** 2

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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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