Human Acute Plasma 017 V1 to Zika Virus

Catalog No. NR-50460

Lot No. 70028830

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-50460 is acute plasma collected from a human subject
who returned from travel to Honduras with a confirmed Zika
virus (ZIKV) infection. The sample was obtained on May 25,
2016, 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).

Material Provided:
Each vial contains approximately 25 µL of plasma.

Packaging/Storage:
NR-50460 was packaged aseptically in screw-capped plastic
cryovials. The product is provided frozen and should be stored
at -60°C or colder immediately upon arrival. Freeze-thaw
cycles should be avoided.

Functional Activity:
50% neutralization titers:
  ZIKV – 1261
  Dengue virus type 1 (DENV1) – ≤30
  Dengue virus type 2 (DENV1) – ≤30
  Dengue virus type 3 (DENV3) – ≤30
  Dengue virus type 4 (DENV4) – ≤30

Citation:
Acknowledgment for publications should read “The following
reagent was obtained through BEI Resources, NIAID, NIH:
Human Acute Plasma 017 V1 to Zika Virus, NR-50460.”

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:
You are authorized to use this product for research use only.
It is not intended for human use.

Use of this product is subject to the terms and conditions of
the BEI Resources Material Transfer Agreement (MTA). The
MTA is available on our Web site at www.beiresources.org.

While BEI Resources uses reasonable efforts to include
accurate and up-to-date information on this product sheet,
neither ATCC® nor the U.S. Government makes any
warranties or representations as to its accuracy. Citations
from scientific literature and patents are provided for
informational purposes only. Neither ATCC® nor the U.S.
Government warrants that such information has been
confirmed to be accurate.

This product is sent with the condition that you are responsible
for its safe storage, handling, use and disposal. ATCC® and
the U.S. Government are not liable for any damages or injuries
arising from receipt and/or use of this product. While
reasonable effort is made to ensure authenticity and reliability
of materials on deposit, the U.S. Government, ATCC®, their
suppliers and contributors to BEI Resources are not liable for
damages arising from the misidentification or
misrepresentation of products.

Use Restrictions:
This material is distributed for internal research,
non-commercial purposes only. This material, its product
or its derivatives may not be distributed to third parties. Except
as performed under a U.S. Government contract, individuals
contemplating commercial use of the material, its products or
its derivatives must contact the contributor to determine if a
license is required. U.S. Government contractors may need a
license before first commercial sale.

References:

ATCC® is a trademark of the American Type Culture
Collection.