

**Yellow Fever Virus, CAREC M2-09, Gamma-Irradiated**

**Catalog No. NR-50890**

**For research use only. Not for human use.**

**Contributor:**

World Reference Center for Emerging Viruses and Arboviruses, University of Texas Medical Branch, Galveston, Texas, USA

**Manufacturer:**

BEI Resources

**Product Description:**

A preparation of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with Yellow Fever Virus (YFV), CAREC M2-09 was gamma-irradiated (5 × 10<sup>6</sup> RADs) on dry ice.

YFV, CAREC M2-09 was isolated from a monkey (*Alouatta* sp.) in Manzanilla, Trinidad in January 2009 and contributed to WRCEVA by Rosa Alba Salas of the Caribbean Epidemiology Centre (CAREC) at Port-of-Spain, Republic of Trinidad and Tobago.<sup>1</sup> A closely related contemporaneous YFV isolate, TVP11767, has been described.<sup>2</sup>

**Material Provided:**

Each vial contains approximately 0.5 mL of irradiated cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells infected with YFV, CAREC M2-09.

Note: If homogeneity is required for your intended use, please purify prior to initiating work.

**Packaging/Storage:**

NR-50890 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. For long-term storage, the vapor phase of a liquid nitrogen freezer is recommended. Freeze-thaw cycles should be avoided.

**Citation:**

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Yellow Fever Virus, CAREC M2-09, Gamma-Irradiated, NR-50890.”

**Biosafety Level: 1**

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. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

**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](http://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:**

1. Tesh, R. B., Personal Communication.
2. Auguste, A. J., et al. “Yellow Fever Virus Maintenance in Trinidad and Its Dispersal throughout the Americas.” J. Virol. 84 (2010): 9967-9977. PubMed: 20631128.

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

