Yellow Fever Virus, CAREC M2-09  

Catalog No. NR-50062  

For research use only. Not for human use.

Manufacturer:
BEI Resources

Product Description:

**Virus Classification:** Flavivirus, Flaviviridae  
**Species:** Yellow fever virus  
**Strain/Isolate:** CAREC M2-09  
**Original Source:** Yellow fever virus (YFV), CAREC M2-09 was isolated from a monkey (Alouatta sp.) in Manzanilla, Trinidad on January 8, 2009 and contributed to WRCEVA by Rosa Alba Salas of the Caribbean Epidemiology Centre (CAREC) at Port-of-Spain, Republic of Trinidad and Tobago.  

YFV is a mosquito-borne virus, which circulates in natural transmission cycles between mosquitoes and temporary amplifiers, humans and monkeys. Yellow fever (YF) is endemic in tropical regions of Africa and South America and poses a serious health risk to travelers to these areas. Vector-control strategies that were once successful for elimination of YFV from many regions have faltered, leading to reemergence of the disease. Currently, there is no effective drug treatment for YF; however, live-attenuated 17D YF vaccines have demonstrated high rates of effectiveness and good safety profiles.

**Material Provided:**
Each vial contains approximately 1 mL of cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells (Vero; ATCC® CCL-81™) infected with YFV, CAREC M2-09.

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

**Packaging/Storage:**
NR-50062 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.

**Biosafety Level:** 3


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References:
1. Tesh, R. B., Personal Communication.

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