

PRODUCT DESCRIPTION:

Usutu virus (Isolate: SAAR 1776) is a mosquito-borne flavivirus. It is a small spherical virus with a lipid envelope and is 40-60 nm in diameter with a positive-sense RNA genome. Usutu virus (USUV), SAAR 1776 was isolated from a mosquito (*Culex univittatus*) in Ndumo, Natal, South Africa in January 1959. The complete genome of USUV, SAAR 1776 has been sequenced (GenBank: MF374485).

Each frozen aliquot contains 1 mL of heat inactivated viral culture fluid. The pre-inactivation titer was determined from an infectious aliquot.

Viral inactivation is verified after heat inactivation by the absence of viral growth in tissue culture-based infectivity assays.

INTENDED USE:

Heat inactivated viral culture fluids are sold as consumable testing materials. The suitability and performance characteristics should be determined by your laboratory for each intended usage.

These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

BIOSAFETY:

Please consult your institution's regulations regarding the use of this product. For a detailed discussion on biological safety see the current edition of *Biosafety in Microbiological and Biomedical Laboratories* (BMBL), published by the CDC.

PRECAUTIONS:

- Use Universal Precautions, this product is **potentially biohazardous**.
- Repetitive freezing and thawing is not recommended (aliquot material if necessary).
- To avoid cross-contamination, use separate pipette tips for all reagents.

RECOMMENDED STORAGE:

Heat inactivated viral culture fluids should be stored at -65°C or below.

¹The following reagent was obtained through BEI Resources, NIAID, NIH, as part of the WRCEVA program: Usutu Virus, SAAR 1776, NR-51184.

REF	Catalog Number	X	Temperature Limitation
LOT	Batch Code	█	Expiration Date
RUO	For Research Use Only	█	Biological Risk
■	Manufacturer		