b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-51661

O'nyong-nyong Virus, UgMP 30

Catalog No. NR-51661

This reagent is the property of the U.S. Government.

Product Description:

O'nyong-nyong virus (ONNV), UgMP 30 was isolated from human serum in 1959 in the Northern Province of Uganda. NR-51661 was produced by infecting *Chlorocebus aethiops* kidney epithelial cells (Vero E6; ATCC® CRL-1586™) with BEI Resources seed lot 70028682 and incubating in Dulbecco's Minimum Essential Medium (ATCC® 30-2002™) supplemented with 2% fetal bovine serum (ATCC® 30-2020™) for 2 days at 37°C with 5% CO_2 to produce this lot.

Passage History:

X(8)V(1)/VE(3) (Prior to deposit to BEI Resources/BEI Resources); X = Unknown; V = Vero cells, VE = Vero E6 cells

Lot: 70075438 Manufacturing Date: 20JUN2025

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in Vero E6 Cells	Cell rounding and detachment	Cell rounding and detachment
Sequencing of Species-Specific Region (~ 900 nucleotides)	≥ 98% sequence identity with ONNV, complete genome (GenBank: NC_01512.1)	100% sequence identity with ONNV, complete genome (GenBank: NC_01512.1)
Titer by $TCID_{50}$ Assay in Vero E6 Cells by Cytopathic Effect[1] (6 days at 37°C with 5% CO_2)	Report results	5.0×10^7 $TCID_{50}$/mL
Sterility test (BacT/ALERT 3D)		
iAST bottle (aerobic) at 32.5°C, 14-day incubation	No growth	No growth
iNST bottle (anaerobic) at 32.5°C, 14-day incubation	No growth	No growth
Mycoplasma Contamination		
Agar and broth culture (14-day incubation at 37°C)	None detected	None detected
DNA detection by PCR of extracted Test Article nucleic acid	None detected	None detected

[1]The Tissue Culture Infectious Dose 50% ($TCID_{50}$) endpoint is the 50% infectious endpoint in cell culture. The $TCID_{50}$ is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the culture vessels inoculated, just as a Lethal Dose 50% (LD_{50}) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the $TCID_{50}$ provides a measure of the titer (or infectivity) of a virus preparation.

/Sonia Bjorum Brower/
Sonia Bjorum Brower 12 SEP 2025
Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

Support Provided by NIAID

ATCC® is a trademark of the American Type Culture Collection.
You are authorized to use this product for research use only. It is not intended for human use.

BEI Resources
www.beiresources.org
E-mail: contact@beiresources.org
Tel: 800-359-7370
Fax: 703-365-2898