

Vaccinia Virus, Western Reserve, Recombinant Expressing Lassa Virus, Josiah Z Protein

Catalog No. NR-15496

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

Product Description: Cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells¹ infected with recombinant vaccinia virus (rVACV), Western Reserve expressing the Z protein of the L segment of Lassa virus (LASV) Josiah (rVACV-LASV Z)

Lot²: 59982981

Date of Manufacture: 17FEB2012

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in BSC-40 Cells ¹	Cell rounding and sloughing	Cell rounding and sloughing
Sequencing of LASV Z Coding Region (307 bp)	Consistent with LASV	99% identical to LASV (GenBank: JN650518)
Titer by Plaque Assay in BSC-40 Cells ^{1,3}	Report results	7.2 × 10 ⁶ pfu per mL
Sterility (21-day incubation) Harpo's HTYE broth ⁴ , 37°C and 26°C, aerobic Trypticase soy broth, 37°C and 26°C, aerobic Sabouraud broth, 37°C and 26°C, aerobic Sheep blood agar, 37°C, aerobic Sheep blood agar, 37°C, anaerobic Thioglycollate broth, 37°C, anaerobic DMEM with 10% FBS, 37°C and 5% CO ₂	No growth No growth No growth No growth No growth No growth No growth No growth	No growth No growth No growth No growth No growth No growth No growth No growth
Mycoplasma Contamination Agar and broth culture (14-day incubation at 37°C) DNA detection by PCR of extracted Test Article nucleic acid	None detected None detected	None detected None detected

¹BSC-40 cells: ATCC® CCL-2761™

²Grown in Dulbecco's Modified Eagle Medium (ATCC® 30-2002™) supplemented with 10% fetal bovine serum (ATCC® 30-2020™) for 3 days at 37°C and 5% CO₂

³2 days at 37°C and 5% CO₂ with media overlay and crystal violet staining

⁴Atlas, Ronald M. *Handbook of Microbiological Media*. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798

Date: 31 AUG 2012

Signature: 

Title: Technical Manager, BEI Authentication or designee

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.

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.

