

Vaccinia Virus, Western Reserve, Recombinant Expressing Lassa Virus, Josiah Glycoprotein Precursor

Catalog No. NR-15493

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

Lot²: 59982979

Manufacturing Date: 23MAR2012

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in BSC-40 Cells ¹	Cell rounding and sloughing	Cell rounding and sloughing
Sequencing of LASV GPC Coding Region (1014 bp)	Consistent with LASV	Identical to LASV (GenBank: AY628203)
Titer by Plaque Assay in BSC-40 Cells ^{1,3}	Report results	1.7 × 10 ⁶ pfu/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 JUL 2012

Signature:



Title:

Technical Manager, BEI Authentication or designee

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