

**Vaccinia Virus, Western Reserve, Recombinant Expressing Junin Virus, XJ Glycoprotein Precursor**

**Catalog No. NR-15691**

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**Product Description:** Cell lysate and supernatant from *Cercopithecus aethiops* kidney epithelial cells<sup>1</sup> infected with recombinant vaccinia virus (rVACV), Western Reserve expressing the glycoprotein precursor of Junin virus (JUNV), XJ (rVACV-JUNV XJ GPC)

**Lot<sup>2</sup>: 59330609**

**Date of Manufacture: 14OCT2010**

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in BSC-40 Cells <sup>1</sup>	Cell rounding and sloughing	Cell rounding and sloughing
Sequencing of JUNV GPC Coding Region (1454 bp)	Consistent with JUNV	99% identical to JUNV (GenBank D10072)
Titer by Plaque Assay in BSC-40 Cells <sup>1,3</sup>	Report results	7.6 × 10 <sup>8</sup> pfu/mL
<b>Sterility (21-day incubation)</b> Harpo's HTYE broth <sup>4</sup> , 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 <sub>2</sub>	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
<b>Mycoplasma Contamination</b> 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

<sup>1</sup>BSC-40 cells: ATCC® CCL-2761™

<sup>2</sup>Grown in Dulbecco's Modified Eagle Medium (Invitrogen™ 11960-044) supplemented with 10% fetal bovine serum (ATCC® 30-2020), 1 mM sodium pyruvate (Invitrogen™ 11360-070) and 2 mM L-glutamine (Invitrogen™ 25030-081) for 3 days at 37°C and 5% CO<sub>2</sub>

<sup>3</sup>3 days at 37°C and 5% CO<sub>2</sub> with media overlay and crystal violet staining

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

**Date:** 10 APR 2012

**Signature:** *Dorothy C. Young*

**Title:** Technical Manager, BEI Authentication or designee

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