

Western Equine Encephalitis Virus, CO921356

Catalog No. NR-41569

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Product Description: Cell lysate and supernatant from *Aedes albopictus* mosquito larval clone C6/36 cells¹ infected with western equine encephalitis virus (WEEV), CO921356

Passage History:

Submission laboratory: Vero (1); C6/36 (1)

BEI Resources: C6/36¹ (3)

Lot²: 62114248

Manufacturing Date: 17JUL2015

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in Vero Cells¹	Refractile cell rounding	Refractile cell rounding
Sequencing of Strain-Specific Region (752 nucleotides)	Consistent with WEEV, CO921356	100% identity with WEEV, CO921356 (GenBank: KJ554979)
Titer by TCID₅₀ Assay in Vero Cells^{1,3,4}	Report results	8.9 × 10 ⁶ TCID ₅₀ per mL
Sterility (21-day incubation) Harpo's HTYE broth ⁵ , 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
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

¹*Aedes albopictus* clone C6/36 cells: ATCC® CRL-1660™

²Grown in Dulbecco's Modified Eagle's Medium (ATCC® 30-2002) supplemented with 2% fetal bovine serum (ATCC® 30-2020) for 3 days at 32°C and 5% CO₂

³6 days at 32°C and 5% CO₂

⁴TCID₅₀ (50% tissue culture infectious dose): The TCID₅₀ is the 50% infectious endpoint in tissue culture. The TCID₅₀ is the dilution of virus that under the conditions of the assay can be expected to infect 50% of the culture vessels inoculated. A reciprocal of the dilution required to yield the TCID₅₀ provides a measure of the titer of a virus preparation.

⁵Atlas, Ronald M. Handbook of Microbiological Media. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 07 FEB 2017

Signature: 

Title: Senior Director, Compliance & QA/Chief Compliance Officer

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