

Vaccinia Virus, Modified Vaccinia Ankara (MVA), Purified From BHK-21 Cells

Catalog No. NR-727

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Product Description: NR-727 was prepared by inoculation of hamster kidney cells¹ with VACV, MVA². The virus was purified from a crude cell lysate and supernatant by centrifugation through a 36% sucrose cushion.

Lot³: 4225253

Manufacturing Date: 18APR2005

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in BHK-21 Cells ¹	Cell rounding and cell lysis	Cell rounding and cell lysis
PCR Amplification of Strain-Specific Sequence	Vaccinia virus, MVA	Vaccinia virus, MVA
Titer by Plaque Assay ⁴ in VERO C1008 (E6) Cells ⁵	Report results	1.0 X 10 ⁷ pfu/mL
Sterility (21-day incubation) Harpo's HTYE broth ⁶ , 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

¹BHK-21 cells: ATCC® CCL-10™.

²Vaccinia virus, MVA: BEI Resources NR-1, lot 3564849. The inoculum for BEI Resources NR-1, lot 3564849 was prepared in chicken embryo fibroblast (CEF) cells and provided by the National Institute of Allergy and Infectious Diseases, National Institutes of Health.

³Grown in Minimum Essential Medium containing Earle's salts and non-essential amino acids (GIBCO® 10370-021) supplemented with 2% irradiated fetal bovine serum (Cambrex 14-471F), 2 mM L-glutamine (GIBCO® 25030-081), and 1 mM sodium pyruvate (GIBCO® 11360-070) for 4 days at 37°C and 5% CO₂.

⁴72 hours at 37°C and 5% CO₂ with media overlay and crystal violet staining.

⁵VERO C1008 (E6) cells: ATCC® CRL-1586™; also available as BEI Resources NR-596.

⁶Atlas, Ronald M. Handbook of Microbiological Media. 3rd ed. Ed. Lawrence C. Parks. Boca Raton: CRC Press, 2004, p. 798.

Date: 21 NOV 2013

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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