

Vaccinia Virus, MVA/S, Recombinant expressing SARS-CoV Spike (S) Protein

Catalog No. NR-623

Product Description: Cell lysate and supernatant from chicken embryo (SL-29) cells¹ infected with vaccinia virus, MVA/S.

Lot²: 3924059

Manufacturing Date: 27JUN2005

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in SL-29 Cells¹	Cell rounding and cell lysis	Cell rounding and cell lysis
Identification by Indirect Fluorescent Antibody Assay Monoclonal antibody to SARS-CoV S protein	Fluorescence observed	Fluorescence observed
Titer by Plaque Assay in Vero E6 Cells³	Report results	2.5 x 10 ⁶ PFU/mL ⁴
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

¹SL-29 cells: ATCC[®] CCL-1590[™].

²Grown in Dulbecco's Modified Eagle Medium (GIBCO[®] 11995-065) supplemented with 5% irradiated fetal bovine serum (Cambrex 14-471F), 5% tryptose phosphate broth, 1 mM sodium pyruvate (GIBCO[®] 11360-070), and 2 mM L-glutamine (GIBCO[®] 25030-081) for 3 days at 37°C and 5% CO₂.

³Vero E6 cells: ATCC[®] CRL-1586[™]; also available as BEI Resources NR-596.

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

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

Date: 10 AUG 2006

Signature: Signature on File

Title: Technical Manager, BEI Authentication

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