

HEp-2 Cell Supernatant, Processed Mock Infected Control

Catalog No. NR-43974

Product Description: Prepared from clarified supernatant from mock infected HEp-2 cells¹ by high speed centrifugation

Lot^{2,3}: 61727099

Manufacturing Date: 29MAY2013

TEST	SPECIFICATIONS	RESULTS
Respiratory Syncytial Virus (RSV) Detection by RT-PCR⁴	None detected	None detected
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 Test Article nucleic acid	None detected None detected	None detected None detected

¹HEp-2 cells: ATCC® CCL-23™

²Prepared by growth of mock infected HEp-2¹ cells followed by high speed centrifugation of clarified supernatant

³Grown in Eagle's Minimum Essential Medium (ATCC® 30-2003™) supplemented with 2% fetal bovine serum (ATCC® 30-2020™) for 5 days at 37°C and 5% CO₂

⁴NR-43974 is intended for use as a control for RSV purified from clarified supernatant from infected HEp-2 cells¹. Nucleic acid was extracted from NR-43974 using a QIAamp® Viral RNA Mini Kit (Qiagen 52906); no RSV RNA was detected after 35 cycles of RT-PCR when 5 µL of the extracted nucleic acid was amplified in a 50 µL reaction using an iScript™ One-Step RT-PCR Kit with SYBR® Green (Bio-Rad 170-8892).

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

Date: 02 APR 2014

Signature: 

Title: Technical Manager, BEI Authentication or designee

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