

Human Parainfluenza Virus 3, NIH 47885

Catalog No. NR-3233

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Product Description:

NR-3233 is derived from NIAID catalog number V-323-002-020 at BEI Resources. Human parainfluenza virus 3 (HPIV3), NIH 47885 is the laboratory-adapted strain of HPIV3, Wash/47885/57. NR-3233 was produced by infecting *Chlorocebus aethiops* kidney cells (Vero E6; ATCC® CRL-1586™) with BEI Resources seed lot 70052069 and incubating in Eagle's Minimum Essential Medium (ATCC® 30-2003) supplemented with 2% fetal bovine serum (ATCC® 30-2020) for 6 days at 37°C with 5% CO₂.

Passage History:

MK(2)CE(23)SM(1)CE(1)SM(1)CE(10)AGMK(3)/VE(2) (Prior to deposit at BEI Resources/BEI Resources); MK = Monkey kidney cells; CE = Chicken embryonated egg; SM = Suckling mice; AGMK = African green monkey kidney cells; VE = Vero E6 cells

Lot: 70080220

Manufacturing Date: 28JAN2026

TEST	SPECIFICATIONS	RESULTS
Identification by Infectivity in Vero E6 Cells	Cell rounding and detachment	Cell rounding and detachment
Sequencing of Species-Specific Region Nucleocapsid gene (~ 920 nucleotides)	≥ 98% sequence identity with HPIV3, strain NIH 47885 (GenBank: D10025.1)	100% sequence identity with HPIV3, strain NIH 47885 (GenBank: D10025.1)
Titer by TCID ₅₀ Assay in Vero E6 Cells by Cytopathic Effect ¹ (7 days at 37°C with 5% CO ₂)	Report results	8.9 × 10 ⁷ TCID ₅₀ /mL
Sterility test (Bact/ALERT 3D) iAST bottle (aerobic) at 32.5°C, 14-day incubation iNST bottle (anaerobic) at 32.5°C, 14-day incubation	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

¹The Tissue Culture Infectious Dose 50% (TCID₅₀) endpoint is the 50% infectious endpoint in cell 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, just as a Lethal Dose 50% (LD₅₀) is expected to kill half of the animals exposed. A reciprocal of the dilution required to yield the TCID₅₀ provides a measure of the titer (or infectivity) of a virus preparation.

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14 MAY 2026

Technical Manager or designee, ATCC Federal Solutions

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