

Certificate of Analysis for HRP-11342

Reverse Transcriptase Simian-Human Immunodeficiency Virus (RT-SHIV)

Catalog No. HRP-11342

Product Description:

HRP-11342 is a chimera (RT-SHIV) of simian immunodeficiency virus (SIV), SIVmac239, containing reverse transcriptase from human immunodeficiency virus type 1 (HIV-1), clone HXBc2. HRP-11342 lot 70054459 was produced by infecting CEMx174 cells with seed material lot 120030 and incubating in RPMI-1640 medium supplemented with 10% FBS, NEAA, sodium pyruvate, 50mg/mL gentamycin and 1X Pen-strep for 7 days, passaging to fresh cells and incubating for 6 days at 37°C with 5% CO₂.

Lot: 70054459

Manufacturing Date: 25JUL2022

TEST	SPECIFICATIONS	RESULTS
p27 Antigen Concentration by ELISA¹	Report results	180.3 ng/mL
Sterility (14-day incubation) Luria-Bertani broth, 37°C shaking at 220 rpm, aerobic Sheep blood agar, 37°C, aerobic Potato agar, 37°C, aerobic	No growth No growth No growth	No growth No growth No growth
Mycoplasma Contamination Detection by commercially available kit	None detected	None detected

¹Using a commercially available p27 ELISA kit

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