

Human Immunodeficiency Virus Type 1, 1166 MB

Catalog No. HRP-10050

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Product Description:

Human Immunodeficiency Virus Type 1 (HIV- 1), 1166 MB is a group M, subtype C, primary HIV-1 virus that was isolated from human plasma. HRP-10050 lot 70045658 was produced by infecting normal human peripheral blood mononuclear cells with seed material, lot 0.5 and incubating in RPMI-1640 medium supplemented with 10% fetal bovine serum, 20 IU/mL IL-2, 1.5% phytohemagglutinin-M (PHA), 50 mg/mL gentamicin, 1x Pen/Strep, non-essential amino acids and sodium pyruvate for 20 days at 37°C with 5% CO₂. Please note that the virus has a low titer, and optimization of propagation conditions is necessary to achieve a higher titer. Virus propagation on other cells has not been tested.

Passage History:

X(X)/P(1) (Prior to deposit/Virongy); X = Unknown; P = PBMC

Lot: 70045658

Manufacturing Date: 18OCT2021

TEST	SPECIFICATIONS	RESULTS
p24 Antigen Concentration by ELISA¹	Report results	0.093 ng/mL
Sterility (14-day incubation) Luria-Bertani broth, 37°C shaking at 220 rpm, aerobic 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 Detection by PCR	None detected None detected	None detected None detected

¹Using a commercially available p24 ELISA kit

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