

**Human Immunodeficiency Virus Type 1, 92/RW/021**

**Catalog No. HRP-1750**

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**Product Description:**

Human Immunodeficiency Virus Type 1 (HIV- 1), 92/RW/021 is a CCR5-utilizing *env* subtype A strain isolated from a seropositive, asymptomatic heterosexual individual in Rwanda. HRP-1750 lot 70045654 was produced by infecting normal human peripheral blood mononuclear cells with seed material, lot 22-JAN-93 (D7) 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 26 days at 37°C with 5% CO<sub>2</sub>. 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: 70045654**

**Manufacturing Date: 07OCT2021**

TEST	SPECIFICATIONS	RESULTS
<b>p24 Antigen Concentration by ELISA<sup>1</sup></b>	Report results	0.21 ng/mL
<b>Sterility (14-day incubation)</b> 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
<b>Mycoplasma Contamination</b> Detection by commercially available kit Detection by PCR	None detected None detected	None detected None detected

<sup>1</sup>Using a commercially available p24 ELISA kit

/Kenneth R. Crawford/  
Kenneth R. Crawford

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Lead Technical Writer or designee, ATCC Federal Solutions

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