



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent: ☼ HIV-1 96USHIPS4 Virus

Catalog Number: 4107

Lot Number: 13 Jan 1999

Release Category: C

Provided: 1 vial cell-free virus
TCID₅₀ = 4.1 x 10⁴/mL

Original Source: Isolated from a symptomatic woman from the US who was HIV-1 infected (both p24 and PCR positive) but persistently seronegative by most commercial FDA approved screening assays (HIPS; HIV-1 Infected Persistently Seronegative). The patient had antibodies to other common pathogens.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: This is a subtype B virus, based on env sequencing.

Special Characteristics: The viral isolate belongs to subtype B based on the envelope region (Accession #AF157469 and AF391549). The viral isolate utilizes CCR5 and CXCR4 coreceptors.

Recommended Storage: Liquid nitrogen.

Contributor: Drs. D. Ellenberger, P. Sullivan, and R. B. Lal.

References: Sullivan PS, Schable CA, Koch W, Do A, Spira T, Lansky A, Ellenberger D, Lal RB, Hyer C, Davis R, Marx M, Paul S, Kent J, Armor R, McFarland J, Lafontaine J, Mottice S, Cassol SA, Michael N. Persistently negative HIV-1 antibody enzyme immunoassay screening results for patients with HIV-1 infection and AIDS: serologic, clinical and virologic results. Seronegative AIDS clinical Study Group. *AIDS* 13:89-96, 1999.

Ellenberger DL, Sullivan PS, Dorn J, Schable C, Spira TJ, Folks TM, Lal RB. Viral and immunologic examination of HIV-1-infected persistently seronegative (HIPS) persons. *J*

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 96USHIPS4 Virus from Drs. D. Ellenberger, P. Sullivan, and R.B. Lal" Also include the references cited above in any publications.

Last Updated:

August 02, 2018

ALL RECIPIENTS OF THIS MATERIAL MUST COMPLY WITH ALL APPLICABLE BIOLOGICAL, CHEMICAL, AND/OR RADIOCHEMICAL SAFETY STANDARDS INCLUDING SPECIAL PRACTICES, EQUIPMENT, FACILITIES, AND REGULATIONS. NOT FOR USE IN HUMANS.