



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ HIV-1 96USHIPS7 Virus

Catalog Number: 4109

Lot Number: 13 Jan 1999

Release Category: C

Provided: 1 vial cell-free virus
TCID₅₀ = 1.7 x 10⁵/mL

Original Source: Isolated from a symptomatic man 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 does have antibodies to other common pathogens.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: This is a subtype B virus, based on gp41 env sequencing.

Special Characteristics: The viral isolate belongs to subtype B based on the gp41 envelope region (Accession #AF157468). The viral isolate utilizes the CCR5 coreceptor.

Recommended Storage: Liquid nitrogen.

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

References: CDC. Persistent lack of detectable HIV-1 antibody in a person with HIV infection. *MMWR* **45**:181-185, 1996.

Reimer L, Mottice S, Schable C, Sullivan PS, Nakashima A, Rayfield MA, et al. Lack of detectable antibody in an individual with HIV infection. *Clin Infect Dis* **25**:98-100, 1997.

Sullivan PS, Schable CA, Koch W, Do A, Spira T, Lansky A, Ellenberger D, Lal RB, Hyer C,

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.

Davis K, Marx M, Paul S, Kent J, Armor K, McFarland J, Larontaine 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, Lai RB. Viral and immunologic examination of HIV-1 infected persistently seronegative (HIPS) persons. *J Infect Dis* **180**:1033-1042, 1999.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 96USHIPS7 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

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