



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ HIV-2 CDC77618 Virus

Catalog Number: 3932

Lot Number: 16 July 1998 (D6)

Release Category: C

Provided: 1.0 ml cell-free virus supernatant
TCID₅₀ = 7.1 x 10⁴/mL
p27 = 101.87 ng/mL

Original Source: Originally isolated from diagnostic culture of Ivorian AIDS patient on PHA-stimulated normal human PBMCs. Stocks have been maintained on primary human PBMCs only.

Host Strain: Primary PHA-stimulated human PBMCs are preferred host. Will also grow on PM-1.

Propagation: Virus was propagated on PHA-stimulated (5 ug/ml) normal human PBMCs in RPMI 1640 (GIBCO) supplemented with 20 mM L-glutamine, 20% heat inactivated fetal bovine serum (Hyclone), anti-human interferon (100 U/ml) and interleukin-2 (150 U/ml). Establish tissue culture infection with 150 ul of virus stock per 10⁶ PBMCs.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: This virus is a group A HIV-2 isolate.

Special Characteristics: CDC77618 is a primary HIV-2 isolate that causes progressive CD4+ cell depletion and productive infection in HIV-2-infected pigtailed macaques.

Recommended Storage: Liquid nitrogen.

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.

Contributor: Original contributor is Dr. Stefan Wiktor, Director Project Retro CI, Cote d'Ivoire. Isolation and viral stocks provided by Dr. Mark Rayfield, Centers for Disease Control and Prevention, Atlanta GA.

References: Owen SM, Ellenberger D, Rayfield M, Phillippe M, Hahn BH, Lal RB. Genetically divergent strains of human immunodeficiency virus type 2 use multiple coreceptors for viral entry. *J Virol* **72**:5425-5432, 1998.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-2 CDC77618 Virus from Dr. Stefan Wiktor and Dr. Mark Rayfield." Also include the reference cited above in any publications.

Scientist at for-profit institutions or who intend commercial use of this reagent must contact contact Dr. Mark Rayfield, Centers for Disease Control and Prevention, Tel:(404) 639-3820, Fax:(404) 639-4664, Email: mark.rayfield@cdc.hhs.gov, before the reagent can be released.

Last Updated: August 02, 2018

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