



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ HIV-2 CDC310319 Virus

Catalog Number: 3930

Lot Number: 15 July 1998 (D5)

Release Category: C

Provided: 1.0 mL cell-free virus supernatant
TCID₅₀ = 2.9 x 10⁵/mL

Original Source: Originally isolated from diagnostic culture of an Ivorian blood donor 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, CEM, and MT-2.

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 calf serum (Hyclone), anti-human interferon (100 U/ml) and interleukin-2 (150 U/ml). Establish tissue culture infection with 100 ul of virus stock per 10⁶ PBMCs.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: Primary isolate of HIV-2 subtype B propagated solely on primary human PBMCs; will form syncytia in MT-2 cells.

Special Characteristics: Coreceptor usage described at <http://hiv-web.lanl.gov/>

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 Projet 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 CDC310319 Virus from Dr. Stefan Wiktor and Dr. Mark Rayfield."

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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