Reagent: HIV-1 CDC310342 Virus

Catalog Number: 3652

Lot Number: 17 Sept 1997

Release Category: C

Provided: 1 ml cell-free virus

TCID_{50} = 2.9 \times 10^5/mL

Original Source: Isolated from an asymptomatic blood donor from the Côte D’Ivoire. This primary isolate was obtained from a diagnostic culture on PHA-stimulated PBMCs and propagated by coculture with PHA-stimulated PBMCs; it was not passaged on continuous cell lines.

Host Strain: PHA-stimulated PBMCs

Propagation: Propagate in PHA-stimulated PBMCs using RPMI 1640 with 10% fetal bovine serum.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: Coreceptor usage described at http://hiv-web.lanl.gov/

New data strongly suggest this isolate was originally misidentified as HIV-2. It instead appears to be HIV-1 CRF02_AG.

Special Characteristics: The virus is cytopathic and will grow to very high titers. Forms syncytia on MT-2 cells.

This virus was previously labeled HIV-2

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Mark Rayfield for Dr. Stephen Wiktor.

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 CDC310342 Virus from Dr. Mark Rayfield for Dr. Stephen Wiktor."

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