Reagent: HIV-2 CDC310072 Virus

Catalog Number: 3649

Lot Number: 11 Aug 1998 (D11)

Release Category: C

Provided: 1.0 mL cell-free virus supernatant
TCID$_{50}$ = 7.7 x 10$^3$/mL.
p27 = 74.63 ng/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: Human PBMC, will also grow on PM-1; slow grower.

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 200 uL of virus stock per 10$^6$ PBMCs.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: Primary isolate of HIV-2 subtype A propagated solely on primary human PBMCs.

Recommended Storage: Liquid nitrogen.

Contributor: Original contributor is Dr. Stefan Wiktor, Director Projet Retro Cl, Cote d’Ivoire. Isolation and viral stocks provided by Dr. Mark Rayfield, Center for Disease Control and Prevention, Atlanta GA.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-2 CDC10072 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