Reagent: HIV-1 QZ4589 Virus

Catalog Number: 2289

Lot Number: 098110

Release Category: C

Provided: 1 mL cell-free virus
TCID$_{50}$ = 2.24 x 10$^2$/mL
p24 = 55 ng/mL

Original Source: Isolated from an asymptomatic patient early in the course of primary HIV infection (Trinidad).

Host Strain: Human PBMC (PHA-stimulated)

Propagation: RPMI 1640, 73%; L-glutamine, 1%; IL-2, 10%; fetal bovine serum, 15%; pen-strep, 1%.
Freeze Media: RPMI 1640, 70%; DMSO, 10%; fetal bovine serum, 20%.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Special Characteristics: This virus was originally isolated from an asymptomatic patient early in the course of primary HIV infection. The V3 region of QZ4589 (CTRFNNNTRKSIN-IGPGRAFYTGIEIIDRQAHC) correlates well with the Trinidad consensus HIV-1 sequence (subtype B). This virus does not induce syncytia in infected PBMC, and does not replicate in CEM or AA5 cells. This lot was obtained from PHA-stimulated human PBMC.

Recommended Storage: Liquid Nitrogen

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 QZ4589 Virus from Drs. F. Cleghorn, C. Bartholomew, N. Jack, M. Greenberg, W. Blattner, and K. Weinhold."

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