Reagent: HIV-1 M46I/L63P/V82T/I84V Virus

Catalog Number: 2841

Lot Number: 3/6/95

Release Category: E

Provided: 1 ml cell-free virus

Original Source: Mutations in the protease gene were constructed by gapped-duplex oligonucleotide mutagenesis of a pWT-6 subclone. Infectious proviral clones were generated by subcloning the 833 bp Apal-Sse83871 fragment into pNL4-3. This clone was used to transfect HeLa cells, and virus stocks were generated by coculture with H9 cells.

Host Strain: H9 and MT-4 cells

Propagation: RPMI 1640, 90%; fetal bovine serum, 10%.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: R5X4.

Special Characteristics: Resistant to the structurally diverse protease inhibitors MK-639, XM323, A-80987, Ro 31-8959, VX-478, and SC-52151. The resistance profile is identical to those of both HIV-1 L10R/M46I/L63P/V82T/I84V Virus (Catalog #2840) and a patient isolate obtained after 40 weeks of treatment with MK-639 alone.

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Emilio Emini.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 M46I/L63P/V82T/I84V Virus from Dr. Emilio Emini." Also include the references cited above in any publications.

Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated: July 31, 2018