Reagent: HIV-1 RTMF Virus

Catalog Number: 2527

Lot Number: 097122

Release Category: A

Provided: 1 vial cell-free virus
TCID$_{50} = 3.2 \times 10^4$ /mL.

Original Source: MT-2 cells transfected with AZT-resistant HXB2 derivative molecular clones.

Host Strain: Propagate in MT-2. Also infects human neoplastic CD4+ T-cell lines including H9, MT-4, C8166, and CEM, as well as CD4+ HeLa cells and human PBMCs

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: AZT-resistant virus containing a mutation in RT amino acid residue 215Y and utilizes CCR5 and CXCR4.

Special Characteristics: Resistance is approximately 20-fold greater than that of the parental HXB2 virus (HeLa-CD4 cell assay).

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Brendan Larder and Dr. Sharon Kemp, courtesy of the MRC AIDS Directed Programme.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 RTMF Virus from Dr. Brendan Larder and Dr. Sharon Kemp." Also include the reference cited above in any publications.

Last Updated: July 30, 2018