NiH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

DATA SHEET

Reagent: HIV-1 RTMC Virus

Catalog Number: 2526

Lot Number: 099064

Release Category: A

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

Original Source: MT-2 cells transfected with molecular clone pHIVRTMC, an AZT-resistant HXB2 derivative.

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

Sterility: Negative for mycoplasma, bacteria and fungi.

Description: AZT-resistant virus containing mutations in RT amino acid residues 67N, 70R, 215F, and 219Q and utilizes CCR5 and CXCR4

Special Characteristics: Resistance is approximately 100-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.


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 RTMC Virus from Dr. Brendan Larder and Dr. Sharon Kemp." Also include the reference cited above in any publications.

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