



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	☒ HIV-1 MC99IIIBΔTat-Rev Virus
Catalog Number:	1943
Lot Number:	098361
Release Category:	C
Provided:	1 mL cell-free virus TCID ₅₀ = 3.36 x 10 ⁴ /mL
Host Strain:	CEM-TART cells (Catalog #1944)
Propagation:	This virus will only propagate in CEM-TART cells (Catalog #1944)
Sterility:	Negative for bacteria, mycoplasma and fungi.
Special Characteristics:	<p>HIV-1 was generated by transfection of the proviral plasmid IIIB, an HXB-3 derivative. Oligonucleotide-directed mutagenesis with the bacteriophage M13 system (Amersham) was used to introduce five point mutations into the coding regions of <i>tat</i> and <i>rev</i>.</p> <p>Mutant virus produced using these cells allows studies of the HIV-1 life cycle in a biologically contained system.</p> <p>Antiviral Agent Testing Using CEM-TART Cells</p>
Recommended Storage:	Liquid nitrogen.
Contributor:	Drs. Herbert Chen, Terence Boyle, Michael Malim, Bryan Cullen, and H. Kim Lyerly.
References:	Chen H, Boyle JT, Malim MH, Cullen BR, Lyerly HK. Derivation of a biologically contained replication system for human immunodeficiency virus type 1. <i>Proc Natl Acad Sci USA</i> 89 :7678-7682, 1992.

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, AIDS Program, NIAID, NIH: HIV-1 MC99IIBΔTat-Rev Virus from Drs. Herbert Chen, Terence Boyle, Michael Malim, Bryan Cullen, and H. Kim Lyerly." Also include the reference cited above in any publications.

Last Updated:

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