



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	☒ HIV-1 RTMDR1 Virus
Catalog Number:	2529
Lot Number:	060481
Release Category:	A
Provided:	1 mL cell-free virus TCID ₅₀ = 3.2 x 10 ³ /mL p24 = 81 ng/mL
Original Source:	MT-2 cells cotransfected with molecular clones M13 (RT 74V, 41L, 106A, 215Y mutant) and pHIVDRTBstEII (RT deletion mutant).
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 bacteria, fungi, and mycoplasma.
Description:	Contains mutations in RT amino acid residues 74V, 41L, 106A, and 215Y rendering the virus resistant to AZT, ddI, nevirapine, and other non-nucleoside RT inhibitors and utilizes CXCR4 as a coreceptor.
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Brendan Larder, courtesy of the MRC AIDS Directed Programme.
References:	Larder BA, Kellam P, Kemp SD. Convergent combination therapy can select viable multidrug-resistant HIV-1 <i>in vitro</i> . <i>Nature</i> 365 :451-453, 1993.

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 RTMDR1 Virus from Dr. Brendan Larder." Also include the reference cited above in any publications.

Last Updated:

July 30, 2018

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