**DATA SHEET**

**Reagent:**

- **HIV-1 RTMDR1 Virus**

**Catalog Number:**

- 2529

**Lot Number:**

- 060481

**Release Category:**

- A

**Provided:**

- 1 mL cell-free virus
- TCID<sub>50</sub> = 3.2 x 10<sup>3</sup> /mL
- p24 = 81 ng/mL

**Original Source:**

- MT-2 cells cotransfected with molecular clones M13 (RT 74V, 41L, 106A, 215Y mutant) and pHIVDRBBstEII (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:**


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**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