



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ HIV-1 90/TH/CM235 (GS 020) Virus

Catalog Number: 7701

Lot Number: 051105

Release Category: D

Provided: 1 vial cell-free virus.

Host Strain: Human PBMCs

Sterility: Negative for mycoplasma, bacteria and fungi.

Description: A CCR5 utilizing CRF01_AE primary isolate

Special Characteristics: Part of a large panel of well-characterized, cultured HIV-1 standard isolates representing subtypes A through G that was developed in order to evaluate the performance of quantitative viral load platforms with different HIV-1 subtypes. The virus particle concentration of each cultured viral stock was standardized by electron microscopic virus particle counting.

[Click here to see the table of reagents that make up this panel.](#)

Genbank number: L03698

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Nelson Michael.

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.

References:

Jagodzinski LL, Wiggins DL, McManis JL, Emery S, Overbaugh J, Robb M, Bodrug S, Michael NL. Use of calibrated viral load standards for group M subtypes of human immunodeficiency virus type 1 to assess the performance of viral RNA quantitation tests. *J Clin Microbiol* **38**:1247-1249, 2000.

Michael NL, Herman SA, Kwok S, Dreyer K, Wang J, Christopherson C, Spadaro JP, Young KK, Polonis V, McCutchan FE, Carr J, Mascola JR, Jagodzinski LL, Robb ML. Development of calibrated viral load standards for group M subtypes of human immunodeficiency virus type 1 and performance of an improved AMPLICOR HIV-1 MONITOR test with isolates of diverse subtypes. *J Clin Microbiol* **37**:2557-2563, 1999.

Vahey M, Nau ME, Barrick S, Cooley JD, Sawyer R, Sleeker AA, Vickerman P, Bloor S, Larder B, Michael NL, Wegner SA. Performance of the Affymetrix GeneChip HIV PRT 440 platform for antiretroviral drug resistance genotyping of human immunodeficiency virus type 1 clades and viral isolates with length polymorphisms. *J Clin Microbiol* **37**:2533-2537, 1999.

NOTE:

For commercial use, please contact: Dr. Nelson L. Michael, Director, Division of Retrovirology, Walter Reed Army Institute of Research, 1600 East Gude Drive, Rockville, MD 20852, Email: nmichael@hivresearch.org, Tel: 301-792-3430, <http://www.hivresearch.org>.

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 90/TH/CM235 (GS 020) Virus from Dr. Nelson Michael." Also include the references cited above in any publications.

Last Updated:

August 10, 2018

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