



NIH AIDS Reagent Program

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DATA SHEET

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

Catalog Number: 7701

Lot Number: 150059

Release Category: D

Provided: 1 mL of cell-free virus
TCID₅₀/mL = 1.46 x 10⁵
p24 = 17.5 ng/mL

Host Strain: Human PBMC

Sterility: Negative for mycoplasma, bacteria and fungi

Description: A CCR5 utilizing CRF01_AE primary isolate.

Special Characteristics: **This isolate is available individually, or as part of the HIV-1 60 International Isolate Panel (Cat #11412).**
[Table I. HIV-1 International Panel of HIV-1 Isolates.](#)
Genbank number: L03698

Recommended Storage: Liquid Nitrogen

Contributor: Dr. Nelson Michael

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,

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.

Young KK, Poionis V, McClutchan FE, Carr J, Mascola JK, Jagodzinski LL, KODD 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. 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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