



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** ☼ HIV-1 91/UG/273 Virus

**Catalog Number:** 7683

**Lot Number:** 110103

**Release Category:** D

**Provided:** 1 mL of cell-free virus  
TCID<sub>50</sub> =  $3.8 \times 10^6$  TCID<sub>50</sub>/mL  
p24 = 10.3 ng/mL

**Original Source:** This virus was isolated in 1991 from a HIV-1 infected individual in Uganda.

**Host Strain:** Human PBMC

**Sterility:** Negative for mycoplasma, bacteria and fungi

**Description:** A group M, subtype A, primary HIV-1 isolate

**Special Characteristics:** Genbank Accession Number: [L22957](#)  
Alternate Name: UG273, GS 001

**Recommended Storage:** Keep the reagent in liquid nitrogen.

**Contributor:** Dr. Nelson Michael

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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.

**References:**

- Jagodzinski, L. L., Wiggins, D. L., McManis, J. L., Emery, S., Overbaugh, J., Robb, M., . . . Michael, N. L. (2000). 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(3), 1247-1249. [PUBMED](#)
- Louwagie, J., Janssens, W., Mascola, J., Heyndrickx, L., Hegerich, P., van der Groen, G., . . . Burke, D. S. (1995). Genetic diversity of the envelope glycoprotein from human immunodeficiency virus type 1 isolates of African origin. *J Virol*, 69(1), 263-271. [PUBMED](#)
- Michael, N. L., Herman, S. A., Kwok, S., Dreyer, K., Wang, J., Christopherson, C., . . . Robb, M. L. (1999). 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(8), 2557-2563. [PUBMED](#)
- Vahey, M., Nau, M. E., Barrick, S., Cooley, J. D., Sawyer, R., Sleeker, A. A., . . . Wegner, S. A. (1999). 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(8), 2533-2537. [PUBMED](#)

**NOTE:**

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the U.S. Army Medical Research and Materiel Command (USAMRMC) Office of Research and Technology Applications (ORTA), Email: [USArmy.Detrick.MEDCOM-USAMRMC.List.ORTA@mail.mil](mailto:USArmy.Detrick.MEDCOM-USAMRMC.List.ORTA@mail.mil), before the reagent can be released. Please specify the name and a description of the intended use of the reagent.**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 91UG\_273 Virus from Dr. Nelson Michael." Also include the references cited above in any publications.

**Last Updated:**

August 03, 2018

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