



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

**Reagent:** ☒ Panel of 60 International HIV-1 Isolates

**Catalog Number:** 11412

**Lot Number:** 150312

**Release Category:** C

**Provided:** 1 mL cell-free virus of each isolate. Total of 60 isolates, see Tables for descriptions.  
**Isolates can also be ordered individually by catalog number.**

**Please note: Recent sequencing analysis showed vials labeled as Cat# 11243, HIV-1 KER2018 (00KE\_KER2018) Virus are actually Cat# 11242, HIV-1 KER2008 (00KE\_KER2008) Virus. Due to the discrepancy this vial has been removed from the panel while the error is being addressed. If the panel was received prior to 11 Jul 2017 the panel still contained this reagent.**

**Host Strain:** Human PBMCs.

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

**Description:** The International Panel of HIV-1 virus isolates consists of ten viruses each from chronically infected individuals of subtypes A, B, C, D and circulating recombinant forms, CRF01\_AE and CRF02\_AG.

**Special Characteristics:** The HIV-1 isolates in this panel have been genetically and biologically characterized. The panel contains isolates that use CCR5 as a major coreceptor, CXCR4 or both co-receptors, and contains both neutralization-sensitive and resistant isolates. This collection provides an important resource for standardization of immunogenicity assessment in HIV-1 vaccine trials (see Table I for genetic and biological characterization of 60 international HIV-1 isolates and see Table II for lot specific analytical data).

[Table I. HIV-1 International Panel of HIV-1 Isolates.](#)

[Table II. Lot Specific Analytical Data for Each Isolate.](#)

**There is a commercial restriction on 4 of the viruses in the panel. Please submit**

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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.

**There is a commercial restriction on 4 of the viruses in the panel. Please submit the UNAIDS MTA form with your order request for commercial use of reagents #1650, #1952, #2200, #2913.**

**Recommended Storage:** Liquid nitrogen

**Contributor:** Various; See Table I.

**References:** Brown, B.K., Darden, J.M., Tovanabutra,S., Oblander, T., Frost, J., Sanders-Buell, E., de Sousa, M.S., Birx, D.L., McCutchan, F.E. and Polonis, V.R. Biologic and Genetic Characterization of a Panel of 60 Human Immunodeficiency Virus Type 1 Isolates, Representing Clades A, B, C, D, CRF01\_AE, and CRF02\_AG, for the Development and Assessment of Candidate Vaccines. *J. Virology* **79**(10): 6089-6101, 2005. [[Abstract](#)] [[Full Text](#)] [[PDF](#)]

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH from (contributors): (name of clone)." Also include the reference cited above in any publications.

**All scientists requesting this reagent with commercial intent must submit a WHO - UNAIDS Materials Transfer Agreement (MTA).**

**Scientists at for-profit institutions or who intend commercial use of Release Category C (Dr. V. Polonis) or D (Dr. N. Michael) Reagents, must contact Dr. Victoria R. Polonis, Walter Reed Army Institute of Research, 13 Taft Court, Rockville, MD 20850, Tel: 301-251-8308, Fax: 301-762-4177, email: [vpolonis@hivresearch.org](mailto:vpolonis@hivresearch.org) before reagent(s) can be released.**

**Scientist at for-profit institutions or who intend commercial use of Release Category C Reagents (#317 and #510) must contact Dr. Susan Ano, Office of Technology Transfer, National Institutes of Health, 6011 Executive Blvd, Suite 325, Rockville, MD 20852, Tel:(301) 435-5515, Fax:(301) 402-0220, Email: [anos@mail.nih.gov](mailto:anos@mail.nih.gov), Website: <http://ott.od.nih.gov>, before the reagent can be released.**

**Scientists at for-profit institutions or who intend commercial use of Release Category C (#4648) Reagent, must contact both Dr. Smita Kulkarni ([skulkarni@nariindia.org](mailto:skulkarni@nariindia.org)) and Dr. R S Paranjape ([rparanjape@nariindia.org](mailto:rparanjape@nariindia.org)) Director, National AIDS Research Institute, 73, G Block, MIDC, Pune 411 026, India, Tel: 91-20-2712-1342, Fax: 91-20-2712-1071, before reagent(s) can be released.**

**Required Form:** UNAIDS\_MTA.pdf

**Last Updated:** January 22, 2018

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