



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: 150024

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.

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 the UNAIDS MTA form with your order request for commercial use of reagents #1050, #1052, #2200, #2012

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.

#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 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, 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) and Dr. R S Paranjape (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: July 12, 2017

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