



## NIH AIDS Reagent Program

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### DATA SHEET

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

**Catalog Number:** 11412

**Lot Number:** 130085

**Release Category:** C

**Provided:** 1 vial each of cell-free virus. Total of 60 isolates, see Table 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:** This International Panel of HIV-1 virus isolates representing six major globally prevalent strains of genetically and biologically characterized HIV-1 isolates (Brown, BK et al, *J Virology* **79**(10): 6089, 2005) consists of ten viruses each from chronically infected individuals of clades A, B, C, D and circulating recombinant forms, CRF01\_AE and CRF02\_AG. This panel consists of 49 nonsyncytium-inducing virus isolates that use CCR5 as a major coreceptor and 11 syncytium-inducing isolates that use only 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 1 for genetic and biological characterization of 60 international HIV-1 isolates).  
[Table I. HIV-1 International Panel of HIV-1 Isolates.](#)

**Special Characteristics:** **Please be sure to submit the UNAIDS form below with your order request:**  
[WHO-UNAIDS MTA](#).  
(Required for the release of reagents #1650, #1952, #2200, #2993)

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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.

<b>Recommended Storage:</b>	Liquid nitrogen
<b>Contributor:</b>	Various; See Table.
<b>References:</b>	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. <i>J. Virology</i> <b>79</b> (10): 6089-6101, 2005. [ <a href="#">Abstract</a> ] [ <a href="#">Full Text</a> ] [ <a href="#">PDF</a> ]
<b>NOTE:</b>	<p>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.</p> <p><b>All scientists (except US government) requesting UNAIDS donated reagents (#1650, #2200, #2913, #1952) must submit a WHO-UNAIDS Material Transfer Agreement.</b></p> <p><b>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: <a href="mailto:vpolonis@hivresearch.org">vpolonis@hivresearch.org</a> before reagent(s) can be released.</b></p> <p><b>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: <a href="mailto:anos@mail.nih.gov">anos@mail.nih.gov</a>, Website: <a href="http://ott.od.nih.gov">http://ott.od.nih.gov</a>, before the reagent can be released.</b></p> <p><b>Scientists at for-profit institutions or who intend commercial use of Release Category C (#4648) Reagent, must contact both Dr. Smita Kulkarni (<a href="mailto:skulkarni@nariindia.org">skulkarni@nariindia.org</a>) and Dr. R S Paranjape (<a href="mailto:rparanjape@nariindia.org">rparanjape@nariindia.org</a>) 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.</b></p>
<b>Required Form:</b>	UNAIDS_MTA.pdf
<b>Last Updated:</b>	July 12, 2017

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