



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ Panel of 60 International HIV-1 Isolates

Catalog Number: 11412

Lot Number: 002

Release Category: C

Provided: 1 vial each of cell-free virus.

Description: **CURRENTLY UNAVAILABLE**

[Click here for a list of available isolates from this panel, please order individually.](#)

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 60 Isolates.](#)

Special Characteristics: Host: Human PBMCs.

Required Form: [WHO-UNAIDS MTA](#).
(Required for the release of reagents #1650, #1952, #2200, #2993)

Recommended Storage: Liquid nitrogen

Contributor: Various. See table.

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: 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: **These virus isolates are available as a panel but they can also be ordered individually by catalog number.**

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 (except US government) requesting UNAIDS donated reagents (#1650, #2200, #2913, #1952) must submit a WHO-UNAIDS Material Transfer Agreement.

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.

Scientists at for-profit institutions or who intend commercial use of Release Category C (#510, #317) Reagents, must contact NCI-Technology Transfer Branch, Executive Plaza South, Suite 450, 6120 Executive Blvd, Rockville, MD 20852 Tel: 301-846-5465, fax: 301-402-2117, <http://ttb.nci.nih.gov/contact.php> before reagent(s) 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.

Last Updated: March 31, 2015

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.