



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	☒ Panel of 60 International HIV-1 Isolates
Catalog Number:	11412
Lot Number:	190523
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.
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.
Recommended Storage:	Keep the reagent in liquid nitrogen.
Contributor:	Various; See Table I.

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., Tovnanabutra, S., Oblander, T., Frost, J., Sanders-Buell, E., . . . Polonis, V. R. (2005). 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 Virol, 79(10), 6089-6101. doi:10.1128/JVI.79.10.6089-6101.2005 [PUBMED](#)

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.

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 the U.S. Army Medical Research and Materiel Command (USAMRMC) Office of Research and Technology Applications (ORTA) at the following email address: USArmy.Detrick.MEDCOM-USAMRMC.List.ORTA@mail.mil, 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 the NCI Technology Transfer Center at the following email address: lauren.nguyen-antczak@nih.gov, 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, before reagent(s) can be released.

Last Updated: December 02, 2020

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