



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ HIV-1 92/UG/029 Virus

Catalog Number: 1650

Lot Number: 180048

Release Category: D

Provided: 1 mL of cell-free virus
TCID₅₀ = 1.46 x 10⁵ TCID₅₀/mL in PBMCs
p24 = 50.1 ng/mL

Original Source: Human peripheral blood lymphocytes isolated from a seropositive, asymptomatic patient.

Host Strain: Human PBMCs

Propagation: A protocol to prepare viral stocks is provided by the [LANL HIV Databases](#).

Sterility: Negative for mycoplasma, bacteria and fungi

Description: A group M, subtype A, HIV-1 virus isolate which utilizes CXCR4 co-receptor to infect cells.

Special Characteristics: This HIV isolate was obtained by co-cultivation of human peripheral blood lymphocytes isolated from a seropositive, asymptomatic heterosexual male from Uganda, with PHA-activated PBMCs from HIV-negative donors.
Subtyping determined by sequencing a short sequence of the gag and/or env genes, or by HMA; thus, intersubtype recombinants may not have been detected in some cases.
GenBank Accession Number: [AY713407.1](#)

This isolate is available individually, or as part of the HIV-1 60 International Isolate Panel (Cat #11412).

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.

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

Alternate Names: 92UG_029 and 92UG029.

Recommended Storage:

Keep the reagent in liquid nitrogen.

Contributor:

The UNAIDS Network for HIV Isolation and Characterization, and the DAIDS, NIAID.

References:

WHO Network for HIV isolation and Characterization. (1994). HIV type 1 variation in World Health Organization-sponsored vaccine evaluation sites: genetic screening, sequence analysis, and preliminary biological characterization of selected viral strains. WHO Network for HIV Isolation and Characterization. AIDS Res Hum Retroviruses, 10(11), 1327-43. doi:10.1089/aid.1994.10.1327 [PUBMED](#)

Brown, B. K., J. M. Darden, S. Tovanabutra, T. Oblander, J. Frost, E. Sanders-Buell, M. S. de Souza, D. L. Birx, F. E. McCutchan and V. R. Polonis. (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), 6089-101. 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:HIV-1 92/UG/029 Virus from The UNAIDS Network for HIV Isolation and Characterization, and the DAIDS, NIAID (cat# 1650)." 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).

Required Form:

UNAIDS_MTA.pdf

Last Updated:

September 17, 2018

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