



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☼ L8-27

Catalog Number: 11105

Lot Number: 0012/7/2001

Release Category: C

Provided: 0.5 ml/vial cell-free virus

Special Characteristics: Co-receptor usage not determined. Virus grows in PHA-stimulated T-cells. These isolates can be used for analysis of viral sequence and replicative fitness.
Host of Choice: Preferred host is human PBMCs. Virus can also be expanded in PHA-stimulated T-cells (see propagation procedure below). Virus was isolated by growing PBMCs from HIV-infected subjects, stimulated with anti-CD3 + anti-CD8 antibody.

[Table 1. HIV-1 Virus Isolates from HLA-typed Individuals](#)

[Propagation Procedure](#)

Recommended Storage: -80°C

Contributor: Dr. Christian Brander.

References: Kiepiela P, Leslie AJ, Honeyborne I, Ramduth D, Thobakgale C, Chetty S, Rathnavalu P, Moore C, Pfafferoth KJ, Hilton L, Zimbwa P, Moore S, Allen T, Brander C, Addo MM, Altfeld M, James I, Mallal S, Bunce M, Barber LD, Szinger J, Day C, Klenerman P, Mullins J, Korber B, Coovadia HM, Walker BD and Goulder PJ. Dominant influence of HLA-B in mediating the potential co-evolution of HIV and HLA. *Nature* (Dec. 9) **432** (7018):769-75, 2004.

Frahm N, Korber BT, Adams CM, Szinger JJ, Draenert R, Addo MM, Feeney ME, Yusin K, Sango K, Brown NV, SenGupta D, Piechocka-Trocha A, Simonis T, Maincola FM, Wurcel AG, Stone DR, Russell CJ, Adolf P, Cohen D, Roach T, StJohn A, Khatri A, Davis K, Mullins J, Goulder PJ, Walker BD and Brander C. Consistent cytotoxic-T-lymphocyte targeting of immunodominant regions in human immunodeficiency virus across multiple ethnicities. *J Virology* (Mar) **78**(5):2187-200, 2004.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: (Reagent Name) from Dr. Christian Brander."Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Rebecca Menapace, MBA, Associate Director, Corporate Sponsored Research and Licensing at 149 13th St, Suite 5036, Charlestown, MA 02129. Phone: (617) 954-9354, Fax:(617) 954-9361. E-mail: rmenapace@partners.org

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