



NIH AIDS Reagent Program

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DATA SHEET

Reagent: λ JSP4-27

Catalog Number: 228

Lot Number: 2

Release Category: C

Provided: 1 vial of λ phage growing stock, 1×10^9 pfu/ml. Propagate in LE392.

Cloning Site: *Bam*HI cleaved J1 λ ligated to *Mbo*I partially digested cellular DNA.

Description: HIV-2/ST represents an attenuated HIV-2 strain with reduced in vitro cytopathic activity. Proviral DNA was obtained as a λ phage library from an infected biological cell clone designated B12. This clone contains the entire 9672 bp viral genome plus flanking cellular sequences cloned into J1 λ *Xba*I arms.

Special Characteristics: λ phage DNA is transfection competent and yields infectious virions upon transfection into Sup-T1 cells or equivalents. Noncytopathic and nonfusogenic.

Recommended Storage: 2-8°C.

Contributor: Dr. Beatrice Hahn and Dr. George M. Shaw.

References: Kong LI, Lee S-W, Kappes JC, Parkin JS, Decker D, Hoxie JA, Hahn BH, Shaw GM. West African HIV-2-related human retrovirus with attenuated cytopathicity. *Science* **240**:1525-1529, 1988.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: lambda JPS4-27 from Dr. Beatrice Hahn and Dr. George Shaw." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of Release Category C Reagents (Cat# 228) must contact Dr. David Winwood, Chief

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.

**Executive Officer, UAB Research Foundation, 770 Administration Building, 701
20th Street South, Birmingham, Alabama 35294, Email: winwood@uab.edu,
Tel: 205-996-2550, before the reagent can be released.**

Last Updated: October 24, 2013

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