



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:**  $\lambda$  JSP4-27

**Catalog Number:** 228

**Lot Number:** 3 130173

**Release Category:** C

**Provided:** 1 mL of  $\lambda$  phage growing stock,  $1 \times 10^9$  pfu/ml. Propagate in LE392.

**Cloning Site:** *Bam*HI cleaved J1  $\lambda$  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  $\lambda$  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 $\lambda$  *Xba*I arms.

**Please see cat#12444 for the plasmid version of this reagent.**

**Special Characteristics:**  $\lambda$  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.

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

**Last Updated:**

February 19, 2014

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