



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-2 ST Infectious Molecular Clone

Catalog Number: 12444

Lot Number: 130187

Release Category: C

Provided: 10 µg of dried purified DNA stabilized in DNastable *PLUS*

Cloning Vector: pSP65
Amp resistant

Cloning Site: A molecular clone of HIV-2 was partially digested with Xba I and inserted into pSP65.

Description: HIV-2/ST represents an attenuated HIV-2 strain with reduced in vitro cytopathic activity.

This expression vector is a molecular clone obtained from infection of ST/B12 cells with HIV-2/ST.

Special Characteristics: The clone was initially inserted into lambda phage (cat# 228, JSP4-27). To create this expression vector, the phage DNA was partially digested with Xba I and inserted into pSP65.

Transfection of the plasmid into cells produces infectious, non-fusogenic virus.

[Contributor provided sequence information](#)
[Plasmid map and sequence file lot 130187](#)

This reagent is currently being provided as dried purified DNA stabilized in DNastable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

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.

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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.

Kumar P, Hui HX, Kappes JC, Haggarty BS, Hoxie JA, Arya SK, Shaw GM and Hahn BH. Molecular characterization of an attenuated human immunodeficiency virus type 2 isolate. *J. Virol.* 1990, 64(2):890.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-2 ST Infectious Molecular Clone 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, Tel: 205-996-2550, before the reagent can be released.

Last Updated: July 21, 2020

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