



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 LTR CAT Reporter Vector (pC15CAT)

Catalog Number: 1527

Lot Number: 110076

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNastable *PLUS*

Cloning Vector: pSV0CAT
Ampicillin resistant

Cloning Site: HindIII cloning site

Description: Parent LTR-CAT clone. Deletion at -670D.
Clone pC15CAT contains the HIV-1 LTR cloned into the *HindIII* site of plasmid pSV0CAT.

Special Characteristics: This construct is 5353 bp including the insert.
LTR-directed gene expression can be quantitated by CAT assay.
Source of Pro Virus: LTR sequences derived from HIV-1_{IIIB}.
[Sequence file lot 110076](#)
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](#)

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

Contributor: Dr. Steven F. Josephs

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.

References:

Gorman CM, Moffat LF, Howard BH. Recombinant genomes which express chloramphenicol acetyltransferase in mammalian cells. *Mol Cell Biol* **2**:1044-1051, 1982.

Arya SK, Guo C, Josephs SF, Wong-Staal F. Trans-activator gene of human T-lymphotropic virus type III (HTLV-III). *Science* **229**:69-73, 1985.

Seikevitz M, Josephs SF, Dukovich M, Peffer N, Wong-Staal F, Greene WC. Activation of the HIV-1 LTR by T cell mitogens and the trans-activator protein of HTLV-I. *Science* **238**:1575-1578, 1987.

Chang KS, Liu WT, Josephs SF. Regulation of cellular trans-activating activities in two different promonocytic leukemia cell lines. *Cancer Lett* **60**:75-83, 1991.

Seigel LJ, Ratner L, Josephs SF, Derse D, Feinberg M, Reyes G, O'Brien SJ, Wong-Staal F. Transactivation induced by human T-lymphotropic virus type III (HTLV III) maps to a viral sequence encoding 58 amino acids and lacks tissue specificity. *Virology* **148**:226-231.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 LTR CAT Reporter Vector (pC15CAT) from Dr. Steven Josephs (cat# 1527)."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# 1527) must contact Dr. Brian W. Bailey, NIAID Office of Technology Development, 6610 Rockledge Drive, Room 4036, MSC 6606, Bethesda, MD 20892-6606, Email: bbailey@mail.nih.gov, Tel: 301-594-1697, Fax: 301-402-7123, before the reagent can be released.

Last Updated

September 25, 2018

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