Reagent: HIV-1 LTR CAT Reporter Vector (pCD7)

Catalog Number: 1526

Lot Number: 96105

Release Category: C

Provided: 1 vial of ampicillin-resistant transformed DH5-a. Also grows in HB101.

Cloning Vector: pC15CAT (Catalog 1527), a derivative of pSV0CAT.

Cloning Site: HindIII.

Description: The 5' end of the LTR to position -278 from the transcriptional start site is deleted.

Clone pC15CAT was cleaved with KpnI, treated with Bal31 exonuclease, blunted and the XbaI linkers ligated. The resultant deletion mutant, pCD7, contains HIV-1IIIB LTR sequences from -278 to +80 located in front of the CAT gene.

Special Characteristics: The 5' end of the LTR to position -278 from the transcriptional start site is deleted.

Recommended Storage: -70°C

Contributor: Dr. Steven F. Josephs.

References:


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*


**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 (pCD7) from Dr. Steven Josephs (cat# 1526).” 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#1526) 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 05, 2018