



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 LTR lacZ Reporter Vector (pHIVlacZ)

Catalog Number: 151

Lot Number: 180269

Release Category: A

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

Cloning Vector: pU3R-III CAT (cat #330)
Ampicillin resistant

Cloning Site: BamHI/HindIII cloning site
The size of the insert is approximately 3200 bp.

Description: A HIV-1 3' LTR lacZ cloning vector. The LTR contains all of the U3 region and part of the R region, including the TAR sequence.

Special Characteristics: This construct is 7167 bp including the insert.
The lacZ gene was cloned from pCH110 and inserted in place of the CAT gene in pU3R-III CAT.
[Contributor provided plasmid map](#)
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.
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. Joseph J. Maio

References: Maio, J. J. and Brown, F. L. (1988). Regulation of expression driven by human immunodeficiency virus type 1 and human T-cell leukemia virus type I long terminal repeats in pluripotential human embryonic cells. *J Virol*, 62(4), 1398-407. [PUBMED](#)

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 lacZ Reporter Vector (pHIVlacZ) from Dr. Joseph Maio (cat# 151)." Also include the reference cited above in any publications.

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