



## NIH AIDS Reagent Program

20301 Century Boulevard  
Building 6, Suite 200  
Germantown, MD 20874  
USA

Phone: 240 686 4740  
Fax: 301 515 4015  
aidsreagent.org

### DATA SHEET

<b>Reagent:</b>	HIV-1 LTR CAT Reporter Vector (pHIV-CAT)
<b>Catalog Number:</b>	2619
<b>Lot Number:</b>	180455
<b>Release Category:</b>	A
<b>Provided:</b>	5 µg of dried purified DNA stabilized in DNastable PLUS
<b>Cloning Vector:</b>	Ampicillin resistant
<b>Cloning Site:</b>	HindIII/XhoI cloning site The size of the insert is 719 bp.
<b>Description:</b>	A HIV-1 LTR CAT reporter vector which contains the wild type NF-κB sequence.
<b>Special Characteristics:</b>	This construct is 5223 bp including the insert. This construct serves as a positive control for pΔκB-HIV-CAT (ARP cat# 2618). <a href="#">Contributor provided plasmid map</a> <a href="#">Sequence file lot 180455</a> 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. <a href="#">Dried DNA Notice</a>
<b>Recommended Storage:</b>	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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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.

**Contributor:** Dr. Gary Nabel and Dr. Neil Perkins

**References:** Nabel, G. and Baltimore, D. (1987). An inducible transcription factor activates expression of human immunodeficiency virus in T cells. Nature, 326(6114), 711-3. doi:10.1038/326711a0 [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 CAT Reporter Vector (pHIV-CAT) from Dr. Gary Nabel and Dr. Neil Perkins (cat# 2619)." Also include the reference cited above in any publications.

**Recipient must not use or incorporate the reagent for commercial purposes.**

**Last Updated** March 26, 2020

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