



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	pVQA
Catalog Number:	12666
Lot Number:	140382
Provided:	10µl at 10ng/µl in 10mM Tris.
Description:	<p>A plasmid standard used for an HIV-1 mRNA quantification assay. This assay utilizes a primer in the 3'LTR of HIV-1 and a poly-A anchored primer to specifically detect all poly-adenylated HIV-1 mRNA species.</p> <p>The pVQA plasmid contains the last ~350 nucleotides of HIV-1 mRNA as well as ~30 deoxyadenosine residues.</p>
Special Characteristics:	<p>This plasmid can be utilized as a DNA standard for qPCR reactions, or can be used as a template for in vitro transcription of an RNA standard for RT-qPCR.</p> <p>SEQUENCE</p>
Recommended Storage:	-20°C
Contributor:	Dr. Robert Siliciano, Johns Hopkins School of Medicine
References:	<p>Shan L, Rabi SA, Laird GM, Eisele EE, Zhang H, Margolick JB, Siliciano RF. A novel PCR assay for quantification of HIV-1 RNA. J Virol. 2013 Jun;87(11):6521-5.</p> <p>ABSTRACT</p>
NOTE:	<p>Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Cat# 12666 pVQA from Dr. Robert Siliciano." Also include the reference cited above in any publications.</p>
Last Updated:	December 19, 2014

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.

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