



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** SIVsmPBj1.9 Vpr Expression Vector

**Catalog Number:** 2749

**Lot Number:** 180462

**Release Category:** C

**Provided:** 5 µg of dried purified DNA stabilized in DNASTable *Plus*

**Cloning Site:** EcoRI/HindIII cloning site  
The size of the insert is 329 bp.

**Cloning Vector:** pGEX-KG, a prokaryotic expression vector  
Ampicillin resistant

**Description:** An expression vector which produces SIVsmPBj1.9 Vpr protein.

**Special Characteristics:** This construct is 5303 bp including the insert.  
Contains a PCR-amplified EcoRI-HindIII fragment encoding the entire SIVsmPBj1.9 vpr open reading frame cloned into pGEX-KG, a prokaryotic expression vector. Expresses high levels of Vpr as a glutathione S-transferase fusion product after IPTG induction. The vpr open reading frame and vector junctions have been sequenced to insure fidelity and maintenance of the proper frame. The protein is easily purified on GST columns, and efficiently isolated by thrombin cleavage.  
[Sequence file lot 180462](#)  
Alternate names include: SIV pGEX-KG *vpr*  
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](#)

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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.

or 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. Margaret Newman and Dr. Beatrice Hahn

**References:** Newman, M. A., McPherson, S. A., Fletcher, T. M., 3rd, Kappes, J. C. and Hahn, B. H. (1995). Polyclonal rabbit antisera that detect the Vpr protein of SIVSM and SIVMAC on immunoblots of purified virions. AIDS Res Hum Retroviruses, 11(3), 405-8. doi:10.1089/aid.1995.11.405 [PUBMED](#)

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVsmPBj1.9 Vpr Expression Vector from Dr. Margaret Newman and Dr. Beatrice Hahn (cat# 2749)." Also include the reference cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the The UAB Research Foundation at the following email address: [innovation@uab.edu](mailto:innovation@uab.edu), before the reagent can be released.**

**Last Updated:** March 26, 2020

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