



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

Reagent: SIVagmSab92018ivTF

Catalog Number: 12140

Lot Number: 150271

Release Category: C

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

Cloning Vector: pCR-XL-TOPO
Kanamycin and bleomycin resistant

Cloning Site: MluI/NotI cloning site
The size of the insert is 10,011 bp

GenBank: [HQ378594](https://www.ncbi.nlm.nih.gov/nuclot/HQ378594)

Host Strain: This plasmid contains the *ccdB* gene and cannot be propagated in most standard *E. coli* strains. Plasmids can be propagated in OneShot® *ccdB* Survival 2 T1^R Chemically Competent cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other *ccdB*-resistant competent cells.

Description: A full-length SIVagmSab sequence obtained from the plasma of an acutely infected *Sabaeus* monkey. The full-length Sab92018ivTF clone is replication competent and contains intact reading frames for *gag*, *pol*, *vif*, *vpr*, *tat*, *rev*, *env* and *nef*.

Special Characteristics: This construct is 13,407 bp including the insert.
The transmitted/founder virus has not been adapted to growth in cell culture but replicates well in vivo in *Sabaeus* monkeys. Clone can be used to define the determinants of SIVagmSab replication, gene function, immunogenicity and of non-pathogenic infection both in vitro and in vivo SIV/AGM model.

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.

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](#)

Recommended Storage:

Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor:

Dr. Frank Kirchhoff, Dr. Clement W. Gnanadurai, Dr. Beatrice H. Hahn

References:

C. W. Gnanadurai, I. Pandrea, N. F. Parrish, M. H. Kraus, G. H. Learn, M. G. Salazar, U. Sauermann, K. Topfer, R. Gautam, J. Munch, C. Stahl-Hennig, C. Apetrei, B. H. Hahn and F. Kirchhoff. (2010). Genetic identity and biological phenotype of a transmitted/founder virus representative of nonpathogenic simian immunodeficiency virus infection in African green monkeys. J Virol, 84(23), 12245-54. doi:10.1128/JVI.01603-10 [PUBMED](#)

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVagmSab92018ivTF from Drs. Frank Kirchhoff, Clement Gnanadurai, Beatrice Hahn (cat# 12140)." Also include the reference cited above in any publications.

If intended for commercial use, please contact Dr. Frank Kirchhoff: Institute of Molecular Virology, Ulm University Medical Center, 89081 Ulm, Germany. Phone: 49-731-50065150. Fax: 49-731-50065153. E-mail: frank.kirchhoff@uni-ulm.de.

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