



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** SIV<sub>mac</sub>251 phage

**Catalog Number:** 213

**Lot Number:** 2037

**Release Category:** C

**Provided:** 1 ml of  $1.2 \times 10^{10}$  pfu/ml (15 LE392 cfu/ml). Phage stock is suspended in 0.1 M NaCl, 8 mM MgSO<sub>4</sub> (7H<sub>2</sub>O), 50 mM Tris-HCl (pH 7.5), 0.1% gelatin, 15% glycerol. The phage stock was last grown on LE392. The contributor also propagates using NM539.

**Description:** Splenocytes of a macaque that died of a malignant lymphoma 26 months following inoculation with minced tissue from a spontaneous *Macaca mulatta* lymphoma were co-cultivated with HUT 78 cells. *Eco*RI-digested total cell DNA of HUT-78-SIV<sub>mac</sub>251 was inserted into the *Eco*RI site of  $\lambda$  EMBL4 to form a library, which was then screened with pK2 *Bam*A to obtain full-length molecular clones.

**Special Characteristics:** Propagates well in HUT 78 and MT4 cells.  
[SIV<sub>mac</sub>251 Plasmid Map](#)

**Recommended Storage:** -70°C.

**Contributor:** Dr. Ronald Desrosiers.

**References:** Daniel MD, Letvin NL, King NW, Kannagi M, Sehgal PK, Hunt RD, Kanki PJ, Essex M, Desrosiers RC. Isolation of T-cell tropic HTLV-III-like retrovirus from macaques. *Science* **228**:1201-1204, 1985.

Naidu YM, Kestler HW III, Li Y, Butler CV, Silva DP, Schmidt DK, Troup CD, Sehgal PK, Sonigo P, Daniel MD, Desrosiers RC. Characterization of infectious molecular clones of simian immunodeficiency virus (SIV<sub>mac</sub>) and human immunodeficiency virus type 2: Persistent infection of rhesus monkeys with molecularly cloned SIV<sub>mac</sub>. *J Virol* **62**:4691-4696, 1988.

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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.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIV<sub>mac251</sub> from Dr. Ronald Desrosiers." Also include the references cited above in any publications.  
**Available only for non-commercial use. Requests from commercial organizations should be directed to Harvard Medical School Office of Technology Development at the following email address: [hms\\_materialtransfer@harvard.edu](mailto:hms_materialtransfer@harvard.edu).**

**Last Updated:**

May 10, 2017

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