



## 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:** ☼ SHIV SF162P3 Virus

**Catalog Number:** 6526

**Lot Number:** 150360

**Release Category:** B

**Provided:** 0.5 mL of cell-free virus. Host cells were rhesus macaque PBMC. Cells were grown in medium containing pen/strep.  
p27 content of stock: 104 ng/mL  
TCID<sub>50</sub> in rhesus PBMC = 2009/mL  
TCID<sub>50</sub> in TZMbl Cells = 4.1 x 10<sup>4</sup>/mL  
**This lot is the same stock with ABL lot name: R157 Derived, Harvest 1, 3.12.12.**

**Original Source:** Isolated from lymph node mononuclear cells (LNMC) of rhesus macaque infected with SHIV SF162P3 Virus via serial blood-bone marrow transfusion.

**Host Strain:** Rhesus macaque and human PBMCs. Also infects CEM-CCR5 cells.

**Propagation:** Stimulated rhesus macaque PBMC.

**Description:** SHIV SF162P3 is a pathogenic CCR5-utilizing virus.

**Special Characteristics:** Virus is transmissible in rhesus macaques by mucosal (rectal and vaginal) and parental routes of inoculation.  
[Specification Sheet](#)  
Investigator should determine *in vivo* challenge dose based on actual data using their model. For additional information please contact either Dr. Nancy Miller (DAIDS, NIAID) or Dr. Ranajit Pal (ABL).

---

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.

**Recommended Storage:** Liquid nitrogen

**Contributor:** Drs. Janet Harouse, Cecilia Cheng-Mayer, Ranajit Pal and the DAIDS, NIAID.

**References:** Harouse JM, Gettie A, Eshetu T, Tan RC, Bohm R, Blanchard J, Baskin G, Cheng-Mayer C. Mucosal transmission and induction of simian AIDS by CCR5-specific simian/human immunodeficiency virus SHIV(SF162P3). *J Virol* **75**:1990-1995, 2001.

Harouse JM, Gettie A, Tan RC, Blanchard J, Cheng-Mayer C. Distinct pathogenic sequela in rhesus macaques infected with CCR5 or CXCR4 utilizing SHIVs. *Science* **284**:816-819, 1999.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: SHIV SF162P3 Virus from Drs. Janet Harouse, Cecilia Cheng-Mayer, Ranajit Pal and the DAIDS, NIAID." Also include the references cited above in any publications.

**Last Updated:** August 03, 2018

---

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.