



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** ☒ SHIV SF162P3 Virus

**Catalog Number:** 6526

**Lot Number:** 4 2.21.07 (Harvest 2)

**Release Category:** B

**Provided:** 1 vial cell-free virus. Host cells were rhesus macaque PBMC. Cells were grown in medium containing pen/strep.

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

**Propagation:** Stimulated rhesus macaque PBMC.

**Sterility:** Negative for mycoplasma, bacteria and fungi

**Description:** Isolated from lymph node mononuclear cells (LNMC) of rhesus macaque infected with SHIV<sub>162P3</sub> via serial blood-bone marrow transfusion.

**Special Characteristics:** Coreceptor specificity of SHIV<sub>162P3</sub> is CCR5. Virus is transmissible in rhesus macaques by mucosal (rectal and vaginal) and parental routes of inoculation.  
  
*In vitro* titer not reported. 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).

**Recommended Storage:** Liquid nitrogen

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

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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.

**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:**

December 22, 2015

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