



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: 5 1.26.09

Release Category: B

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

Update (11 Apr 2012): This stock appears to lose activity even when stored in liquid nitrogen. It has been reititered by the contributor and it has been shown to have lost a log of activity. It now has a TCID₅₀ in rhesus PBMC of 505/mL.

p27 content of stock: 30 ng/mL

Previous titer in rhesus PBMC was a TCID₅₀ of 5.2x10³/mL

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_{162P3} via serial blood-bone marrow transfusion.

Special Characteristics: Coreceptor specificity of SHIV_{162P3} is CCR5. 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. Robert Bell (AIDS).

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.

NIAID) OF DR. Ranajit Pal (ABL).

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:

December 22, 2015

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