



## DATA SHEET

**For research use only. Not for use in humans.**

<b>Reagent:</b>	Simian-Human Immunodeficiency Virus (SHIV) SF162P3
<b>Catalog Number:</b>	ARP-6526
<b>Lot Number:</b>	200003
<b>Release Category:</b>	B
<b>Provided:</b>	<p>Each vial of ARP-6526 contains approximately 1 mL of cell-free virus. The TCID<sub>50</sub> titer in rhesus peripheral blood mononuclear cells (PBMCs) was 2046 per mL, p27 content was 86.28 ng per mL and RNA copies &gt; 10<sup>9</sup> copies per mL.</p> <p><b>This lot is the same virus stock with Advance Bioscience Laboratories (ABL) lot name: R922 derived, Harvest 2, 9/9/16.</b></p>
<b>Original Source:</b>	<p>Simian-Human immunodeficiency virus (SHIV) SF162P3 was isolated from lymph node mononuclear cells (LNMCs) of rhesus macaque infected with SHIV SF162P3, via serial blood-bone marrow transfusion. The partial genome of SHIV SF162 has been sequenced (GenBank: <a href="#">KF042063</a>).</p>
<b>Host Strain:</b>	Stimulated rhesus macaque PBMCs; this virus also infects human PBMCs and CEM-CCR5 cells.
<b>Propagation:</b>	Cells were grown in medium containing penicillin-streptomycin (pen/strep).
<b>Description:</b>	SHIV SF162P3 is a pathogenic CCR5-utilizing virus.
<b>Special Characteristics:</b>	<p>Virus is transmissible in rhesus macaques by mucosal (rectal and vaginal) and parental routes of inoculation.</p> <p>Investigators should determine <i>in vivo</i> 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).</p>
<b>Recommended Storage:</b>	-100°C or colder, preferably in the vapor phase of a liquid nitrogen freezer
<b>Contributor:</b>	Drs. Janet Harouse, Cecilia Cheng-Mayer, Ranajit Pal and the DAIDS, NIAID
<b>References:</b>	<p>Harouse, J. M., et al. "Mucosal Transmission and Induction of Simian AIDS by CCR5-Specific Simian/Human Immunodeficiency Virus SHIV(SF162P3)." <i>J. Virol.</i> 75 (2001): 1990-1995. PubMed: <a href="#">11160699</a>.</p> <p>Harouse, J. M., et al. "Distinct Pathogenic Sequela in Rhesus Macaques Infected with CCR5 or CXCR4 Utilizing SHIVs." <i>Science</i> 284 (1999): 816-819. PubMed: <a href="#">10221916</a>.</p>
<b>Citation:</b>	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Simian-Human Immunodeficiency Virus (SHIV) SF162P3, ARP-6526, contributed by Drs. Janet Harouse, Cecilia Cheng-Mayer, Ranajit Pal and the DAIDS, NIAID."
<b>Biosafety Level: 2</b>	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <a href="#">Biosafety in Microbiological and Biomedical Laboratories</a> . 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see <a href="http://www.cdc.gov/biosafety/publications/bmbl5/index.htm">www.cdc.gov/biosafety/publications/bmbl5/index.htm</a> .



**Disclaimers:**

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the NIH HIV Reagent Program Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.hivreagentprogram.org](http://www.hivreagentprogram.org).

While the NIH HIV Reagent Program uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to the NIH HIV Reagent Program are not liable for damages arising from the misidentification or misrepresentation of products.

**Use Restrictions:**

**This material is distributed for internal research purposes only.** This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

ATCC® is a trademark of the American Type Culture Collection.

