



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** ☼ SHIV KU-1 Virus

**Catalog Number:** 3441

**Lot Number:** 021058

**Release Category:** C

**Provided:** 1 vial cell-free virus  
TCID<sub>50</sub> = 5.6 x 10<sup>3</sup>/mL

**Original Source:** Cellular fraction of CSF from a pig-tailed macaque (PNb) that developed AIDS. A cell-free virus stock was amplified in PHA-stimulated rhesus macaque PBMCs.

**Host Strain:** Rhesus or pig-tailed macaque PBMCs and monocyte-derived macrophages. Also infects human T-cell lines including C8166 and CEM×174.

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

**Description:** A highly pathogenic virus in pig-tailed macaques by either mucosal or parenteral routes of infection

**Special Characteristics:** Causes marked CD4+ T cell loss within two weeks and AIDS within eight months.

**Recommended Storage:** Liquid nitrogen.

**Contributor:** Dr. Opendra Narayan and Dr. Sanjay Joag.

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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: SHIV KU-1 Virus (Cat# 3441) from Dr. Opendra Narayan and Dr. Sanjay Joag."

**Patented. Requests from commercial organizations should be directed to Gary Yewey, ImumunoGenetix Therapeutics, 9875 Widmer Road, Lenexa, KS 66215. TEL: 913-888-4773, E-mail: glyewey@aol.com.**

**Last Updated:**

August 01, 2018

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