



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** ☒ SIVmac251 32H Virus

**Catalog Number:** 1338

**Lot Number:** 121493

**Release Category:** C

**Provided:** 1.0 ml cell-free virus obtained from infected C8166-45 cells. Titer is  $3.7 \times 10^6$  TCID<sub>50</sub>/ml (1.4 µg/ml SIV p27).

**Original Source:** Isolated from a rhesus macaque infected with SIVmac251.

**Propagation:** Feed infected C8166 cultures twice weekly with fresh, uninfected cells. Cells should be propagated in RPMI 1640 containing 10% fetal bovine serum. Enlarged C8166 cells with ballooning protrusions were first noted on the second day post-infection for this lot of virus, and continued throughout the entire course of culture. Extensive syncytia formation and cell clumping without fusion were also observed.  
Host of Choice: C8166.

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

**Recommended Storage:** Liquid nitrogen.

**Contributor:** Dr. Martin Cranage and Dr. Ronald Desrosiers, courtesy of the MRC AIDS Directed Programme.

**References:** Daniel MD, Letvin NL, King NW, Kannagi M, Sehgal PK, Hunt RD, Kanki PJ, Essex, M, Desrosiers RC. Isolation of T-cell tropic HTLV-III-like retrovirus from macaques. *Science* 228:1201-1204, 1985.

Cranage MP, Baskerville A, Ashworth LAE, Dennis M, Cook N, Sharpe S, Farrar G, Rose J, Kitchin PA, Greenway PJ. Intrarectal challenge of macaques vaccinated with formalin-inactivated simian immunodeficiency virus. *Lancet* 339:273-274, 1992.

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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, AIDS Program, NIAID, NIH: SIVmac251 32H Virus from Dr. Martin Cranage and Dr. Ronald Desrosiers." Also include the above reference in any publications.

**Available only for non-commercial use. Requests from commercial organizations should be directed to Harvard Medical School Office of Technology Development at the following email address: [hms\\_materialtransfer@harvard.edu](mailto:hms_materialtransfer@harvard.edu).**

**Last Updated:**

July 06, 2018

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