



## 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

<b>Reagent:</b>	☒ SIVmac251 infected HUT 78 Cells
<b>Catalog Number:</b>	160
<b>Lot Number:</b>	98130
<b>Release Category:</b>	C
<b>Provided:</b>	10 x 10 <sup>6</sup> cells/vial, 95% viability.
<b>Cell Type:</b>	Human cutaneous T-cell lymphoma derived from the peripheral blood of a patient with Sezary syndrome. Mature lymphocytic cells; convoluted.
<b>Propagation Medium:</b>	RPMI 1640 with 100 U/ml penicillin and 100 µg/ml streptomycin, 90%; fetal bovine serum, 10%.
<b>Freeze Medium:</b>	Propagation medium, 90%; DMSO, 10%.
<b>Growth Characteristics:</b>	Maintain cells at 0.5-1 x 10 <sup>6</sup> /ml and split twice a week at 1:3 to 1:4. Monitor for virus production. Virus production is dramatic when first reseeded, but then decreases. Aliquots of early passage virus should be collected and stored in liquid nitrogen. When virus production decreases, mix uninfected CEMx174 cells with infected cells at a ratio of 3:1 or 4:1. Virus production will increase in 7-10 days. Alternately, a thawed 1 ml aliquot of early passage virus can be used to infect 6 ml of 0.5-1 x 10 <sup>6</sup> CEMx174 cells/ml.
<b>Sterility:</b>	Negative for bacteria, mycoplasma, and fungi
<b>Description:</b>	HUT 78 cells infected with SIVmac251 virus
<b>Special Characteristics:</b>	HUT 78 cells were co-cultivated with splenocytes from a macaque that died of a malignant lymphoma 26 months following inoculation with minced tissue from a spontaneous <i>Macaca mulatta</i> lymphoma.

---

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.

**Recommended Storage:** Liquid nitrogen

**Contributor:** Dr. Ronald Desrosiers

**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.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HUT 78/SIV<sub>mac</sub>251 from Dr. Ronald Desrosiers." Also include the reference cited above 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** February 13, 2019

---

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.