



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ SIVmac251 infected HUT 78 Cells

Catalog Number: 160

Lot Number: 170173

Release Category: C

Provided: 1 mL of cells
Post thaw cell count = 4.10×10^6 cells/mL
Post thaw cell viability = 43%
Cell viability increased to 86% after 3 days in culture when co-cultured with uninfected HUT78 cells.

Cell Type: Mature human cutaneous T-cell lymphoma derived from the peripheral blood of a patient with Sezary syndrome.

Propagation Medium: Donor Provided Propagation Media: RPMI 1640, 90%; fetal bovine serum, 10%; 100 U/mL Penicillin; 100 µg/mL Streptomycin
Current Propagation Media: RPMI 1640, 90%; fetal bovine serum, 10%

Freeze Medium: Donor Provided Freeze Media: Propagation medium, 90%; DMSO, 10%
Current Freeze Media: RPMI, 40%; fetal bovine serum, 50%; DMSO, 10%

Growth Characteristics: Split the cells 1:3 every three days. Virus production is dramatic when first reseeded, but then decreases. Aliquots of early passage virus should be collected and stored in liquid nitrogen.

Morphology: Lymphocytic, Suspension Cell Line

Sterility: Negative for mycoplasma, bacteria, and fungi

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.

Description: Human T Cell line HUT 78 cells infected with SIVmac251 virus.

Special Characteristics: 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 *Macaca mulatta* lymphoma.

Recommended Storage: Keep the reagent in liquid nitrogen.

Contributor: Dr. Ronald Desrosiers

References: M. D. Daniel, N. L. Letvin, N. W. King, M. Kannagi, P. K. Sehgal, R. D. Hunt, P. J. Kanki, M. Essex and R. C. Desrosiers. (1985). Isolation of T-cell tropic HTLV-III-like retrovirus from macaques. *Science*, 228(4704), 1201-4. [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVmac251 infected HUT 78 Cells from Dr. Ronald Desrosiers (cat# 160)." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Harvard Medical School Office of Technology Development at the following email address:
hms_materialtransfer@harvard.edu, before the reagent can be released.

Last Updated February 13, 2019

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