



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Sup-T1 Cells
<b>Catalog Number:</b>	100
<b>Lot Number:</b>	100144
<b>Release Category:</b>	D
<b>Provided:</b>	2.5 x 10 <sup>6</sup> cells/vial.
<b>Cell Type:</b>	Non-Hodgkin's T cell lymphoma isolated from a pleural effusion of an eight-year-old male and subcloned on soft agar.
<b>Propagation Medium:</b>	RPMI 1640, 90%; fetal bovine serum, 10%.
<b>Freeze Medium:</b>	Propagation medium, 90%; DMSO, 10%.
<b>Growth Characteristics:</b>	Seeding ratio is 1:10 to 1:20. Cells grow in suspension and show minimal clumping. Passage when number exceeds 5 x 10 <sup>5</sup> cells/mL. NOTE: Viability is low immediately after thaw, however cells recover quickly within a few days.
<b>Sterility:</b>	Negative for mycoplasma, bacteria and fungi.
<b>Special Characteristics:</b>	Sup-T1 expresses high levels of surface CD4 and are useful in studies of cell fusion and cytopathic effects of HIV-1 as well as cytopathic strains of HIV-2. Cells are TdT positive, CALLA negative, and DR negative. They express pan T antigens and lack sheep erythrocyte receptors.
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. James Hoxie.

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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.

**References:** Smith SD, Shatsky M, Cohen PS, Warnke R, Link MP, Glader BE. Monoclonal antibody and enzymatic profiles of human malignant T lymphoid cells and derived cell lines. *Cancer Res* **44**:5657-5660, 1984.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Sup-T1 from Dr. James Hoxie." Also include the reference cited above in any publications.

**Last Updated** April 12, 2016

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