



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Sup-T1 Cells
Catalog Number:	100
Lot Number:	160073
Release Category:	D
Provided:	1 mL of cells at 9.8×10^6 cells/mL. Viability is 57.8% post-thaw.
Cell Type:	Non-Hodgkin's T cell lymphoma isolated from a pleural effusion of an eight-year-old male and subcloned on soft agar.
Propagation Medium:	RPMI 1640 (or DMEM), 90%; fetal bovine serum, 10%.
Freeze Medium:	Propagation medium, 90%; DMSO, 10%.
Growth Characteristics:	Cells recover viability rapidly post-thaw. Seeding ratio is 1:10 to 1:20. Cells grow in suspension and show minimal clumping. Passage when number exceeds 5×10^5 cells/mL.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Description:	Sup-T1 cells are susceptible to infection by HIV-1 as well as HIV-2.
Special Characteristics:	Sup-T1 cells express high levels of CD4 and CD8. They express CD5, CD1a, CD9, and low levels of CD3. They are also CD2 and DR negative.
Recommended Storage:	Liquid nitrogen.

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.

Contributor: Dr. Dharam Ablashi, HHV-6 Foundation

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. 1984 Dec;44(12 Pt 1):5657-60.

Ablashi DV, Berneman ZN, Kramarsky B, Whitman J Jr, Asano Y, Pearson GR. Human herpesvirus-7 (HHV-7): current status. Clin Diagn Virol. 1995 Jul;4(1):1-13.

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. Dharam Ablashi (cat# 100)." Also include the reference cited above in any publications.

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