Reagent: Sup-T1 Cells

Catalog Number: 100

Lot Number: 130388

Release Category: D

Provided: 1.42 x 10^7 cells/vial. 89% viability.

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, 90%; fetal bovine serum, 10%.

Freeze Medium: Propagation medium, 90%; DMSO, 10%.

Growth Characteristics: Seeding ratio is 1:10 to 1:20. Cells grow in suspension and show minimal clumping. Passage when number exceeds 5 x 10^5 cells/ml.

Sterility: Negative for mycoplasma, bacteria and fungi.

Special Characteristics: 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.

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Dharam Ablashi, HHV-6 Foundation

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." Also include the reference cited above in any publications.

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