DATA SHEET

Reagent: Sup-T1 Cells

Catalog Number: 100

Lot Number: 050786

Release Category: D

Provided: 1 x 10^7 cells/vial. Viability is 96%.

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. James Hoxie.

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

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.