### Reagent: Sup-T1 Cells

- **Catalog Number:** 100
- **Lot Number:** 160073
- **Release Category:** D
- **Provided:** 1 mL of cells at $9.8 \times 10^6$ 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 $5 \times 10^5$ 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.

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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.**

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**REV: 08/29/2018**
Contributor: Dr. Dharam Ablashi, HHV-6 Foundation

References:


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.

Last Updated: August 29, 2018