

## DATA SHEET

**For research use only. Not for use in humans.**

<b>Reagent:</b>	Sup-T1 Cells
<b>Catalog Number:</b>	ARP-100
<b>Lot Number:</b>	190502
<b>Provided:</b>	Each vial of ARP-100 contains approximately $2.42 \times 10^6$ cells in 0.6 mL of freeze medium. Post-thaw viability was 47%.
<b>Cell Type:</b>	ARP-100 is a human T cell line derived from T cell non-Hodgkin's lymphoma isolated from a pleural effusion of an eight-year-old male and subcloned on soft agar.
<b>Propagation Medium:</b>	The recommended propagation medium is 90% RPMI 1640 medium supplemented with 10% fetal bovine serum and 2 mM L-GlutaMax.
<b>Freeze Medium:</b>	The recommended freeze medium is Gibco Recovery Cell Culture Freezing Medium.
<b>Growth Characteristics:</b>	Cells recover viability rapidly post-thaw. The seeding ratio is 1:10 to 1:20. Cells grow in suspension and show minimal clumping. Passage is recommended when the number exceeds $5 \times 10^5$ cells per mL.
<b>Sterility:</b>	Tests for bacteria, fungi, and mycoplasma were negative.
<b>Description:</b>	ARP-100 is susceptible to infection by human immunodeficiency virus type 1 (HIV-1) as well as human immunodeficiency virus type 2 (HIV-2).
<b>Special Characteristics:</b>	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.
<b>Recommended Storage:</b>	Keep at $-100^{\circ}\text{C}$ or colder, preferably in the vapor phase of a liquid nitrogen freezer.
<b>Contributor:</b>	Dr. Dharam Ablashi, HHV-6 Foundation
<b>References:</b>	Ablashi, D. V., et al. "Human Herpesvirus-7 (HHV-7): Current Status." <i>Clin. Diagn. Virol.</i> 4 (1995): 1-13. PubMed: 15566823.  Smith, S. D., et al. "Monoclonal Antibody and Enzymatic Profiles of Human Malignant T-Lymphoid Cells and Derived Cell Lines." <i>Cancer Res.</i> 44 (1984): 5657-5660. PubMed: 6437672.
<b>Citation:</b>	Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Sup-T1 Cells, ARP-100."
<b>Biosafety Level: 1</b>	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <i>Biosafety in Microbiological and Biomedical Laboratories (BMBL)</i> . Current Edition. Washington, DC: U.S. Government Printing Office.
<b>Disclaimers:</b>	You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.beiresources.org](http://www.beiresources.org).

While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

## Use Restrictions:

**This material is distributed for internal research purposes only.** This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

ATCC® is a trademark of the American Type Culture Collection.

