



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HSB-2 Cells
Catalog Number:	497
Lot Number:	95052
Release Category:	A
Provided:	1 x 10 ⁷ cells/vial.
Cell Type:	Human T cell lymphoblastoid line. Morphology is lymphoblast-like.
Propagation Medium:	RPMI 1640, 90%; fetal bovine serum, 10%; antibiotic free.
Freeze Medium:	Propagation medium, 95%; DMSO, 5%; antibiotic free.
Growth Characteristics:	Cells grow in suspension. Thaw the cells rapidly in a 37°C water bath, inverting the vial periodically. Transfer the thawed cells into a T-25 flask in 10 ml of propagation medium. To dilute out the DMSO, stand the flask upright and incubate overnight. The next day, carefully aspirate off most of the medium and replace it with fresh culture medium. Once the cells are established in culture, maintain them at 1 - 2 x 10 ⁶ cells/ml and split 1:2 - 1:3 with fresh medium every 2 days.
Sterility:	Negative for bacteria, fungi, and mycoplasma. Negative for HTLV-I.
Description:	The HSB-2 cell line was derived from the peripheral blood buffy coat of a patient with acute lymphoblastic leukemia and propagated as tumors in newborn syrian hamsters.
Recommended Storage:	Liquid nitrogen.
Contributor:	Electro-Nucleonics, Inc.

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.

References: Salahuddin SZ, Ablashi DV, Markham PD, Josephs SF, Sturzenegger S, Kaplan M, Halligan G, Biberfeld P, Wong-Staal F, Kramarsky B, Gallo RC. Isolation of a new virus, HBLV, in patients with lymphoproliferative disorders. *Science* **234**:596-601, 1986.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HSB-2 Cells from Electro-Nucleonics, Inc." Also include the reference cited above in any publications.

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