



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SLK Cells
Catalog Number:	9402
Lot Number:	031172
Release Category:	C
Provided:	2.6 x 10 ⁶ cells/mL. Viability is 96%.
Cell Type:	<p>Cells were derived from a Kaposi's sarcoma tumor (ref. 1). They are of endothelial cell origin and can induce Kaposi's-like lesions in nude mice (ref. 2).</p> <p>Recent data suggest these cells were contaminated with the clear cell renal cell carcinoma cell line Caki-1 during the process of establishing the cell line (ref 3).</p>
Propagation Medium:	RPMI 1640 medium, 90%; heated (56°C, 30 min.) fetal calf serum, 10%.
Freeze Medium:	Propagation medium, 90%; DMSO, 10%.
Growth Characteristics:	No special requirements for thawing. Cells should be initially cultured at 0.5 x 10 ⁵ /ml – 1 x 10 ⁶ /ml of medium and split once confluent. The cell line is adherent. Cells can be cultivated under normal conditions for adherent cells. Cells should be routinely diluted at 1 x 10 ⁵ /ml thereafter. Duplication time is 24-36 hours.
Morphology:	Cuboidal shaped cells (ref. 2).
Sterility:	Negative for mycoplasma, bacteria and fungi.
Description:	The cell line is of value for individuals studying Kaposi's sarcoma or endothelial cell growth.

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.

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Jay A. Levy for Dr. Sophie Leventon-Kriss.

References:

- 1) Siegal B, Levinton-Kriss S, Schiffer A, Sayar J, Engelberg I, Vonsover A, Ramon Y, Rubinstein E. Kaposi's sarcoma in immunosuppression. Possibly the result of a dual viral infection. *Cancer* **65**:492-498, 1990.
- 2) Herndier BG, Werner A, Arnstein P, Abbey NW, Demartis F, Cohen RL, Shuman MA, Levy JA. Characterization of a human Kaposi's sarcoma cell line that induces angiogenic tumors in animals. *AIDS* **8**:575-581, 1994.
- 3) Michael Stürzl, Dominika Gaus, Wilhelm G. Dirks, Don Ganem, and Ramona Jochmann. The Kaposi's sarcoma-derived cell line SLK is not of endothelial origin, but is a contaminant from a known renal carcinoma cell line. *IJC* 2012. DOI: 10.1002/ijc.27849

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SLK Cells from Dr. Jay A. Levy and Dr. Sophie Leventon-Kriss." Also include the references cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Dr. Leventon-Kriss at Email: sophiekriss75@hotmail.com before the reagent can be released.

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