NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

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: 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).

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).

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:


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.*

Last Updated: July 03, 2018