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:	☥ HIV-1 SF2 Infected HUT 78 Cells (ARV-2)
Catalog Number:	279
Lot Number:	032589
Release Category:	C
Provided:	5.8 x 10^6 cells/vial. Viability is 98%.
Propagation Medium:	RPMI 1640, 90%; fetal bovine serum, 10%.
Freeze Medium:	RPMI 1640, 80%; fetal bovine serum, 10%; DMSO, 10%.
Growth Characteristics:	Maintain cells at 1-2 x 10^6/mL; split 1:5 every 4-5 days. Cells grow singly in suspension. Add fresh uninfected cells as viral activity increases. Cell line maintains chronic infection with HIV-1 SF2 and produces virus particles with up to 10^6 cpm/mL of RT activity.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Description:	HUT 78 cells infected with HIV-1 SF2.
Special Characteristics:	The virus in the cells was isolated from peripheral blood mononuclear cells of an AIDS patient. SF2 utilizes CCR5 and CXCR4 as coreceptors. It infects a variety of cell lines, and is easily neutralized.
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Jay Levy.

References:

Levy JA, Hoffman AD, Kramer SM, Landis JA, Shimabukuro JM, Oshiro LS. Isolation of lymphocytopathic retroviruses from San Francisco patients with AIDS. *Science* **225**:840-842, 1984.

Sanchez-Pescador R, Power MD, Barr PJ, Steimer KS, Stempien MM, Brown-Shimer SL, Gee WW, Renard A, Randolph A, Levy JA, Dina D, Luciw PA. Nucleotide sequence and expression of an AIDS-associated retrovirus (ARV-2). *Science* **227**:484-492, 1985.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 SF2 Infected HUT 78 Cells (ARV-2) from Dr. Jay Levy." Also include the references cited above in any publications.

Last Updated

April 01, 2019