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DATA SHEET

Reagent:	☥ HIV-1 LAV infected Jurkat E6 Cells (J1.1)
Catalog Number:	1340
Lot Number:	080012
Release Category:	C
Provided:	1.2 x 10^7 cells/mL. Viability is 92%.
Cell Type:	Derived from Jurkat. Morphology is mature lymphocytic.
Propagation Medium:	RPMI 1640 supplemented with 2 mM L-glutamine, 100 U/ml penicillin, 100 µg/ml streptomycin, 90%; fetal bovine serum, 10%.
Freeze Medium:	Propagation medium, 92.5%; DMSO, 7.5%.
Growth Characteristics:	When thawing, dilute the cells with 37°C medium dropwise, wash out the DMSO, and seed the initial culture at 1 x 10^6 cells/ml. Passage the cells every three days to give a concentration of 1 x 10^6 cells/ml. Cells grow in single cell suspension. Doubling time is 24 hours.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Special Characteristics:	Latently HIV infected cell line cloned by limiting dilution from HIV-infected Jurkat cells. HIV capable of being induced with PMA or TNF. Time in culture after cryorecovery of J1 Cells
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Thomas M. Folks.

References:

Perez VL, Rowe T, Justement JS, Butera ST, June CH, Folks TM. An HIV-1-infected T cell clone defective in IL-2 production and Ca^{2+} mobilization after CD3 stimulation. *J Immunol* **147**:3145-3148, 1991.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 LAV infected Jurkat E6 Cells (J1.1) from Dr. Thomas Folks." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Tom O'Toole at email address teo1@cdc.gov and specify in the email the name of the reagent, and a description of the intended use of the reagent.

Last Updated

September 01, 2016