Centre For AIDS Reagents

Data Sheet

REAGENT:	J-Lat Tat-GFP Cells (A2)
RELEASE RESTRICTIONS:	NIH Category C
REPOSITORY REFERENCE:	**100 946**
PROVIDED:	1 mL of cells at 5.5 x 10^6 cells/vial. Post-thaw viability = 86%
STORAGE:	Liquid nitrogen.
DESCRIPTION:	These cells are Jurkat cells that bear the integrated retroviral construct LTR-Tat-IRES-GFP.
LOT NUMBER:	150020
SPECIAL CHARACTERISTICS:	Jurkat cells were infected with viral particles bearing the retroviral construct LTR-Tat-IRES-GFP. Cells that were GFP negative, but could be stimulated to express GFP were selected. For the other similar cells, please see cat#s 100941-100948
CELL TYPE:	Jurkat - T lymphocyte cell line
FREEZE MEDIUM:	FBS, 90%; DMSO, 10%.
GROWTH CHARACTERISTIC:	No special requirements, split 1:3 at 1 x 10^6 cells/ml. Cells grow in suspension, usually singly but some clumping has been noted.
PROPAGATION MEDIUM:	RPMI 1640, 90%; FBS, 10%; supplemented with penicillin G (100 U/ml), streptomycin (100 µg/ml), L-glutamine (2 mM, 0.3 mg/ml).
MORPHOLOGY:	Small, spherical cells in suspension. Morphology usually does not vary
CONTRIBUTOR:	Dr. Eric Verdin.

REFERENCES:

Jordan A, Bisgrove D, Verdin E. HIV reproducibly establishes a latent infection after acute infection of T cells in vitro. EMBO J **22**:1868-1877, 2003.

Jordan A, Defechereux P, Verdin E. The site of HIV-1 integration in the human genome determines basal transcriptional activity and response to Tat transactivation. *EMBO* J **20**:1726-1738, 2001.

ACKNOWLEDGMENT:

The following reagent was obtained by CFAR – NIBSC via the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: J-Lat Tat-GFP Cells (clone #) from Dr. Eric Verdin. Also include the references cited above in any publication.

Please ensure that you send us a copy of any Papers resulting from work using reagents acquired through CFAR, this can be by e-mail or printed copy.