Reagent: J-Lat Tat-GFP Cells (A2)

Catalog Number: 9854

Lot Number: 150020

Release Category: C

Provided: 1 mL of cells at $5.5 \times 10^6$ cells/mL. Viability is 86%.

Cell Type: Jurkat - T lymphocyte cell line

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).

Freeze Medium: FBS, 90%; DMSO, 10%.

Growth Characteristics: No special requirements, split 1:3 at $1 \times 10^6$ cells/ml. Cells grow in suspension, usually singly but some clumping has been noted.

Morphology: Small, spherical cells in suspension. Morphology usually does not vary.

Sterility: Negative for bacteria, mycoplasma, and fungi.

Description: These cells are Jurkat cells that bear the integrated retroviral construct LTR-Tat-IRES-GFP.

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 9846-9856.

Recommended Storage: Liquid nitrogen

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.
Contributor: Dr. Eric Verdin.

References:


NOTE:
Acknowledgment for publications should read "The following reagent was obtained through 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.

These cells and methods of use are covered by US Patents 7,232,685 and 7,544,467.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the J. David Gladstone Institutes, Email: veronica.viray@gladstone.ucsf.edu, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

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