Reagent: J-Lat Tat-GFP Cells (82)

Catalog Number: 9851

Lot Number: 140083

Release Category: C

Provided: 1 ml (3.10 x 10^6 cells/vial; viability 87%).

Cell Type: Parental cell type: Jurkat

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 1x10^6 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
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.**

Last Updated: November 09, 2017