Reagent: J-Lat GFP Cells (A72)

Catalog Number: 9856

Lot Number: 180427

Release Category: C

Provided: 800 uL of cells

Post thaw cell count = 2.84 x 10^6 cells/Vial

Post thaw cell viability = 52 %

Cell viability increased to 89% after 12 days in culture.

Cell Type: Human T cell lymphoblast

Propagation Medium: RPMI 1640, 90%; fetal bovine serum, 10%; 2mM GlutaMAX™- I (100X)

Freeze Medium: Gibco Recovery™ Cell Culture Freezing Medium.

Morphology: Lymphocytic, Suspension Cell Line

Sterility: Negative for mycoplasma, bacteria, and fungi

Description: This is a Jurkat-based cell line containing a single integration site of a HIV retroviral vector expressing LTR driven GFP expression.

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.

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.
Recommended Storage: Keep the reagent in 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 GFP Cells (A72) from Dr. Eric Verdin (cat# 9856)." 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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