



NIH AIDS Reagent Program

20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	HeLa-Tat-III/LTR/d1EGFP Cells
Catalog Number:	11063
Lot Number:	060793
Release Category:	D
Provided:	1.3 x 10 ⁶ cells/vial. Viability is 93%.
Propagation Medium:	DMEM (high glucose), 10% FBS, 1 mg/ml G418 in the presence of pen/strep.
Freeze Medium:	DMEM + 20% FBS + 10% DMSO.
Growth Characteristics:	The cells in culture grow singly and are adherent. The culture should be split in a ratio of 1:3 to 1:5. Culture cell morphology has typical HeLa cell appearance.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Description:	This cell line is an indicator for EGFP and is suited for monitoring HIV-1 promoter activity in live cells.
Special Characteristics:	This cell line is derived from HeLa-tat-III cells (cat# 502) which constitutively express HXBc2 tat. It is transfected with d1EGFP under the control of HIV-1 LTR promoter. Thus, the cells will also constitutively express d1EGFP.
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Masahiko S Satoh

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.

References: Parent M, Yung TMC, Rancourt A, Ho ELY, Vispe S, Suzuki-Matsuda F, Uehara A, Wada T, Handa H and Satoh MS. Poly (ADP-ribose) Polymerase-1 is a negative regulator of HIV-1 Transcription through Competitive binding to TAR RNA with Tat positive Transcription Elongation Factor b (p-TEFb) Complex. *JBC* **280**:448-457, 2005.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HeLa-Tat-III/LTR/d1EGFP Cells from Dr. Satoh" Also include the reference cited above in any publications.

Last Updated July 03, 2018

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.