



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HeLa-Tat-III/CMV/d1EGFP Cells
Catalog Number:	11062
Lot Number:	098359
Release Category:	D
Provided:	1.5 x 10 ⁷ cells/mL. Viability is 99%.
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/CMV/d1EGFP Cells from Dr. Satoh" Also include the reference cited above in any publications.

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