



DATA SHEET

For research use only. Not for use in humans.

Reagent:	HeLa-Tat-III/LTR/d1EGFP Cells
Catalog Number:	ARP-11063
Lot Number:	190190
Release Category:	D
Provided:	Each vial of ARP-11063 contains approximately 3.7×10^6 cells in 0.8 mL of freeze medium. Post-thaw viability was 95%.
Propagation Medium:	The recommended propagation medium is DMEM supplemented with 10% fetal bovine serum and 0.5mg/mL G418.
Freeze Medium:	The recommended freeze medium is Gibco Recovery Cell Culture Freezing Medium.
Growth Characteristics:	ARP-11063 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 a typical HeLa cell appearance.
Sterility:	Tests for bacteria, fungi and mycoplasma were negative.
Description:	ARP-11063 is an indicator for EGFP and is suited for monitoring HIV-1 promoter activity in live cells.
Special Characteristics:	ARP-11063 is derived from HeLa-tat-III cells (cat# ARP-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:	Keep at -100°C or colder, preferably in the vapor phase of a liquid nitrogen freezer.
Contributor:	Dr. Masahiko S Satoh
References:	Parent, M., et al. "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." <i>J. Biol Chem.</i> 280 (2005): 448-457. PubMed: 15498776 .
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: HeLa-Tat-III/LTR/d1EGFP Cells, ARP-11063, contributed by Dr. Satoh." Also include the references cited in any publication.
Biosafety Level: 2	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories (BMBL) , 6th ed. Washington, DC: U.S. Government Printing Office, 2020.
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