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DATA SHEET

Reagent:	69T1RevEnv Cells
Catalog Number:	3336
Lot Number:	190133
Release Category:	E
Provided:	800 uL of cells Post thaw cell count = 3.78 x 10^6 cells/Vial Post thaw cell viability = 88 %
Cell Type:	HeLa-derived HtTa-1 cells
Propagation Medium:	DMEM, 90%; fetal bovine serum, 10%; 0.2 mg/mL. G418; 1 mg/mL. hygromycin; 2 µg/mL. tetracycline
Freeze Medium:	Donor Provided Freeze Media: DMEM, 70%; fetal bovine serum, 20%; DMSO, 10%; 2 µg/mL. tetracycline Current Freeze Media: Gibco Recovery™ Cell Culture Freezing Medium
Morphology:	Adherent, Epithelial Cell Line
Sterility:	Negative for mycoplasma, bacteria, and fungi
Description:	These cells can be induced to express HIV-1 Rev and Env.
Special Characteristics:	HtTa-1 cells were transfected with T1RevEnv and HM272 (hygromycin resistance gene construct). Clone 69T1RevEnv is a selected clone of this transfection. HIV-1 Rev and Env proteins are induced by removing tetracycline from the culture medium. Peak protein expression occurs 6-7 days after tetracycline removal. The cells have been continuously maintained in tetracycline medium. During passage, both PBS

and trypsin should also contain 2.0 µg/mL tetracycline.

Recommended Storage:	Keep the reagent in liquid nitrogen.
Contributor:	Dr. Joseph Dougherty
References:	Yu, H., A. B. Rabson, M. Kaul, Y. Ron and J. P. Dougherty. (1996). Inducible human immunodeficiency virus type 1 packaging cell lines. J Virol, 70(7), 4530-7. PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: 69T1RevEnv Cells from Dr. Joseph Dougherty (cat# 3336)." Also include the reference cited above in any publications.
Last Updated	November 16, 2020