



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HXBΔPΔEnv-T1RevEnv Cells
Catalog Number:	3337
Lot Number:	98105
Release Category:	E
Provided:	2 x 10 ⁶ cells/vial.
Cell Type:	HeLa-derived HtTa-1 cells
Propagation Medium:	DMEM 90%; fetal bovine serum, 10%; supplemented with 0.2 mg/ml G418, 0.1 mg/ml hygromycin, and 2.0 μg/ml tetracycline.
Freeze Medium:	DMEM, 70%; fetal bovine serum, 20%; DMSO, 10%; supplemented with 2.0 μg/ml tetracycline.
Sterility:	Negative for bacteria, fungi and mycoplasma.
Description:	This cell line can be induced to express HIV-1 Gag, Pol, Rev and Env proteins.
Special Characteristics:	<p>HtTa-1 cells were transfected with HXBΔPΔEnv, T1RevEnv and HM272 (hygromycin resistance gene construct).</p> <p>Clone HXBΔPΔEnv-T1RevEnv is a selected clone of this transfection. HIV-1 Gag, Pol, Rev and Env proteins can be 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.</p>
Recommended Storage:	Liquid nitrogen.

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.

Contributor: Dr. Joseph Dougherty.

References: Yu H, Rabson AB, Kaul M, Ron Y, Dougherty JP. Inducible human immunodeficiency virus type 1 packaging cell lines. *J Virol* **70**:4530-4537, 1996.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH:HXBΔPΔEnv-T1RevEnv Cells from Dr. Joseph Dougherty." Also include the reference cited above in any publications.

Recipient must not use or incorporate the reagent for commercial purposes.

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