



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 Cells
Catalog Number:	153
Lot Number:	180334
Release Category:	A
Provided:	800 uL of cells Post thaw cell count = 4.95×10^6 cells/vial Post thaw cell viability = 92%
Cell Type:	Human cervical epithelial carcinoma.
Propagation Medium:	DMEM, 90%; fetal bovine serum, 10%
Freeze Medium:	Donor Provided Freeze Media: DMEM, 70 %; fetal bovine serum, 20 %; DMSO, 10% Current Freeze Media: Gibco Recovery™ Cell Culture Freezing Medium
Morphology:	Epithelial, Adherent Cell Line.
Sterility:	Negative for mycoplasma, bacteria, and fungi
Special Characteristics:	HeLa cells were originally isolated from a 31 years old women with adenocarcinoma. Parental HeLa cells were rendered CD4 or CD8 positive by retrovirus-mediated gene transfer. The HeLa CD4+ cells (cat# 154) are susceptible to HIV-1 infection and exhibit syncytia formation. HeLa and HeLa CD8+ cells (cat# 155) do not support HIV infection.
Recommended Storage:	Keep reagent in 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. Richard Axel

References: Maddon, P. J., A. G. Dalgleish, J. S. McDougal, P. R. Clapham, R. A. Weiss and R. Axel. (1986). The T4 gene encodes the AIDS virus receptor and is expressed in the immune system and the brain. Cell, 47(3), 333-48. [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HeLa Cells from Dr. Richard Axel (cat# 153)." Also include the reference cited above in any publications.

Last Updated November 16, 2020

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.