



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 CD4+ Cells
Catalog Number:	154
Lot Number:	150223
Release Category:	C
Provided:	1 mL at 6.7×10^6 cells/mL. Viability is 92%.
Cell Type:	Human cervical epithelial carcinoma.
Propagation Medium:	DMEM 90%; newborn calf serum, 10%. HeLa CD4+ and HeLa CD8+ should be supplemented with 500 μ g/ml (gross weight) G418.
Freeze Medium:	Propagation medium, 95%; glycerol, 5%; antibiotic free.
Sterility:	Negative for bacteria, mycoplasma, and fungi.
Description:	HeLa cells were rendered CD4 positive by retrovirus-mediated gene transfer.
Special Characteristics:	HeLa CD4+ is susceptible to HIV-1 infection and exhibits syncytia formation. HeLa (cat# 153) and HeLa CD8+ (cat# 155) do not support HIV infection. Alternate names: HeLa T4+
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Richard Axel.

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: Maddon PJ, Dalglish AG, McDougal JS, Clapham PR, Weiss RA, Axel R. The T4 gene encodes the AIDS virus receptor and is expressed in the immune system and the brain. *Cell* **47**:333-348, 1986.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HeLa CD4+ Cells from Dr. Richard Axel." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of Release Category C Reagents (Cat #154) must contact Dr. Ofra Weinberger, Director, Science and Technology Ventures, Columbia University Medical Center, Tel: 212-305-6389, Email: ow1@columbia.edu, before this reagent can be released.

Last Updated March 22, 2019

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.