



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	HeLa CD4+ Cells
<b>Catalog Number:</b>	154
<b>Lot Number:</b>	150223
<b>Release Category:</b>	C
<b>Provided:</b>	1 mL at $6.7 \times 10^6$ cells/mL. Viability is 92%.
<b>Cell Type:</b>	Human cervical epithelial carcinoma.
<b>Propagation Medium:</b>	DMEM 90%; newborn calf serum, 10%. HeLa CD4+ and HeLa CD8+ should be supplemented with 500 µg/ml (gross weight) G418.
<b>Freeze Medium:</b>	Propagation medium, 95%; glycerol, 5%; antibiotic free.
<b>Sterility:</b>	Negative for bacteria, mycoplasma, and fungi.
<b>Description:</b>	HeLa cells were rendered CD4 positive by retrovirus-mediated gene transfer.
<b>Special Characteristics:</b>	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+
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. Richard Axel.

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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: (specify cell line) 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** August 15, 2016

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