



## 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

<b>Reagent:</b>	HeLa CD4+ Cells
<b>Catalog Number:</b>	154
<b>Lot Number:</b>	3
<b>Release Category:</b>	A
<b>Provided:</b>	1 vial frozen cells.
<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>Special Characteristics:</b>	Parental HeLa cells were rendered CD4 or CD8 positive by retrovirus-mediated gene transfer. HeLa CD4+ is susceptible to HIV-1 infection and exhibits syncytia formation. HeLa and HeLa CD8+ do not support HIV infection.
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. Richard Axel.
<b>References:</b>	Maddon PJ, Dalgleish 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. <i>Cell</i> <b>47</b> :333-348, 1986.

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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.

**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.

**Research Chart:**

Cell Line	Cat. #	Lot	Cells/Vial
HeLa	153	8 051131	1.3 x 10 <sup>6</sup>
HeLa T4+	154	3	7.9 x 10 <sup>6</sup>
HeLa T8+	155	4	7.4 x 10 <sup>6</sup>

**Last Updated**

April 26, 2016

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