



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	HeLa Cells
<b>Catalog Number:</b>	153
<b>Lot Number:</b>	098201
<b>Release Category:</b>	C
<b>Provided:</b>	1 vial frozen cells. $1 \times 10^6$ cells/mL. Viability, 58%.
<b>Cell Type:</b>	Human cervical epithelial carcinoma.
<b>Propagation Medium:</b>	DMEM 90%; newborn calf serum, 10%. HeLa T4 <sup>+</sup> and HeLa 8 <sup>+</sup> 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 <sup>+</sup> is susceptible to HIV-1 infection and exhibits syncytia formation. HeLa and HeLa T8 <sup>+</sup> do not support HIV infection.
	<b><u>Table 1</u></b>
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. Richard Axel.
<b>References:</b>	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. <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.

**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**

February 12, 2016

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