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 CD8+ Cells
Catalog Number:	155
Lot Number:	4
Release Category:	C
Provided:	1 vial frozen cells.
Cell Type:	Human cervical epithelial carcinoma.
Propagation Medium:	DMEM 90%; newborn calf serum, 10%. HeLa CD4+ and HeLa CD8+ cells should be supplemented with 500 µg/ml (gross weight) G418.
Freeze Medium:	Propagation medium, 95%; glycerol, 5%; antibiotic free.
Sterility:	Negative for bacteria, mycoplasma, and fungi.
Special Characteristics:	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. **Table 1**
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Richard Axel.
References:	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. *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 CD8+ Cells from Dr. Richard Axel (cat# 155)." Also include the reference cited above in any publications. **Scientists at for-profit institutions or who intend commercial use of Release Category C Reagents 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	May 16, 2018