



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HeLa CD4+ Cells
Catalog Number:	154
Lot Number:	070506
Release Category:	C
Provided:	1.28 x 10 ⁷ cells/mL. Viability is 94%
Propagation Medium:	DMEM 90%; newborn calf serum, 10%. HeLa CD4+ and HeLa CD8+ 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.
Description:	Human cervical epithelial carcinoma.
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. Alternate names: HeLa T4+
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Richard Axel.
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. <i>Cell</i> 47 :333-348, 1986.

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

August 15, 2016

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