



NIH AIDS Reagent Program

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DATA SHEET

| | |
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| Reagent: | HeLa Cells |
| Catalog Number: | 153 |
| Lot Number: | 120088 |
| Release Category: | A |
| Provided: | 1 vial frozen cells. 5.5×10^6 cells/mL. Viability, 94%. |
| Cell Type: | Human cervical epithelial carcinoma. |
| Propagation Medium: | DMEM 90%; newborn calf serum, 10%. HeLa T4 ⁺ and HeLa 8 ⁺ 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 T8 ⁺ do not support HIV infection. |
| | <u>Table 1</u> |
| 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. <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.

Last Updated

May 11, 2016

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