

DATA SHEET

For research use only. Not for use in humans.

Reagent:	HeLa Cells
Catalog Number:	ARP-153
Lot Number:	200213
Provided:	Each vial of ARP-153 contains approximately 3.5×10^6 cells in 0.6 mL of freeze medium. Post-thaw viability was 83%.
Cell Type:	ARP-153 is a human cervical epithelial carcinoma cell line.
Propagation Medium:	The propagation medium is DMEM supplemented with 10% fetal bovine serum.
Freeze Medium:	The freeze medium is Gibco Recovery™ Cell Culture Freezing Medium.
Sterility:	Tests for bacteria, fungi and mycoplasma were negative.
Special Characteristics:	HeLa cells were originally isolated from a 31-year-old woman with adenocarcinoma. Parental HeLa cells were rendered CD4 or CD8 positive by retrovirus-mediated gene transfer. The HeLa CD4+ cells (ARP-154) are susceptible to human immunodeficiency virus type 1 (HIV-1) infection and exhibit syncytia formation. HeLa and HeLa CD8+ cells (ARP-155) do not support HIV infection. ARP-153 is an adherent cell line.
Recommended Storage:	Keep at -100°C or colder, preferably in the vapor phase of a liquid nitrogen freezer.
Contributor:	Dr. Richard Axel
References:	Maddon, P. J., et al. "The T4 Gene Encodes the AIDS Virus Receptor and is Expressed in the Immune System and the Brain." <i>Cell</i> 47 (1986): 333-348. PubMed: 3094962 .
Citation:	Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: HeLa Cells, ARP-153."
Biosafety Level: 2	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories (BMBL) . 6th ed. Washington, DC: U.S. Government Printing Office, 2020.
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