



## 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

<b>Reagent:</b>	☒ HTLV-1 Infected RH/K34 Cells
<b>Catalog Number:</b>	1276
<b>Lot Number:</b>	5/91
<b>Release Category:</b>	C
<b>Provided:</b>	5 x 10 <sup>6</sup> cells/vial
<b>Propagation Medium:</b>	RPMI 1640 supplemented with 6 mM L-glutamine, 100 U/ml penicillin, 100 µ/ml streptomycin, 90%; heat-inactivated fetal bovine serum, 10%; 50 U/ml rIL-2.
<b>Freeze Medium:</b>	RPMI 1640 with 20% fetal bovine serum, 50%; cryoprotective medium (MA Bioproducts, Catalog #12-132A), 50%.
<b>Sterility:</b>	Negative for bacteria, fungi, and mycoplasma.
<b>Description:</b>	Rabbit T cells transformed in vitro with HTLV-I by co-cultivation of PBMC with MT-2 cells or RHT-16.
<b>Special Characteristics:</b>	All of these cell lines are rabbit γδ T cells (CD4-, CD8-) that shed HTLV-I viral particles. <a href="#"><u>Table 1. HTLV-1 Transformed Rabbit Cell Lines</u></a>
<b>Recommended Storage:</b>	Liquid nitrogen
<b>Contributor:</b>	Dr. Thomas Kindt.

---

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.

**References:**

Sawasdikosol S, Hague BF, Zhao T-M, Bowers FS, Simpson RM, Robinson MA, Kindt TJ. Selection of rabbit CD4-CD8- T cell receptor- $\gamma\delta$  cells by *in vitro* transformation with human T-lymphotropic virus-I. *J Exp Med* **178**:1337-1345, 1993.

Zhao T-M, Robinson MA, Sawasdikosol S, Simpson TM, Kindt TJ. Variation in HTLV-I sequences from rabbit cell lines with diverse *in vivo* effects. *Virology* **195**:271-275, 1993.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the AIDS Reagent Program, Division of AIDS, NIAID, NIH: HTLV-1 Infected RH/K34 Cells from Dr. Thomas Kindt." Also include the references cited above in any publications.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NIH Office of Technology Transfer, Email: [NIAIDAIDSReagent@niaid.nih.gov](mailto:NIAIDAIDSReagent@niaid.nih.gov), before the reagent can be released. Please specify the name and a description of the intended use of the reagent.**

**Last Updated**

April 21, 2020

---

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.