



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:**  $\otimes$  *Toxoplasma gondii* Host Strain P(LK)HXGPRT-

**Catalog Number:** 2860

**Lot Number:** 1 95040 (labeled P(LK) $\Delta$ HXGPRT)

**Release Category:** B

**Provided:** 1 vial frozen parasites.

**Description:** Clonal isolate of P(LK) (Catalog #2858), which lacks HXGPRT activity due to an incompletely characterized mutation introduced using the vector pRHDHXGPRT (Catalog #2856).

**Special Characteristics:** Suitable for positive selection using HXGPRT vectors (eg, cat. #2855, #2850, #2851). Parasites are not true knock-out mutants, but have never been observed to spontaneously revert to the HXGPRT+phenotype.  
Freeze Medium: MEM containing 1% fetal bovine serum and 10% DMSO.  
Culture Instructions: Thaw rapidly in a 37°C water bath, followed by gradual addition of 0.75 ml warm culture medium over the course of approximately 10 minutes. Inoculate into suitable host cell cultures.

**Recommended Storage:** Liquid nitrogen.

**Contributor:** Dr. David Roos.

**References:** Roos DS, Donald RGK, Morrissette NS, Moulton ALC. Molecular tools for genetic dissection of the protozoan parasite *Toxoplasma gondii*. *Meth Cell Biol* **45**:27-63, 1994.  
Pfefferkorn ER, Borotz SE. *Toxoplasma gondii*: characterization of a mutant resistant to 6-thioxanthine. *Exp Parasitol* **79**:374-382, 1994.

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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 from Dr. David Roos: *Toxoplasma gondii* Host Strain P(LK)HXGPRT-." Also include the references cited above in any publications.

**Last Updated:**

June 21, 2013

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