



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** ☒ FeLV 61E Infected 3201B Cells

**Catalog Number:** 198

**Lot Number:** 99068

**Release Category:** D

**Provided:**  $9 \times 10^6$  cells.

**Propagation Medium:** RPMI 1640, 45%; Leibovitz's L-15, 45%; fetal bovine serum, 10%.

**Freeze Medium:** Propagation medium with 50% fetal bovine serum, 90%; DMSO, 10%.

**Growth Characteristics:** 3201B feline T cells grow as a clumpy suspension. Maintain at  $0.5\text{-}3.0 \times 10^6$  cells/ml. Passage every 4-6 days; the doubling time is 15-20 hours. These cells do not grow in other media.

**Sterility:** Negative for aerobic and anaerobic bacteria, mycoplasma, fungi, and yeast.

**Description:** 3201B cells infected with FeLV 61E.

**Special Characteristics:** Virus titer reaches  $10^5$  at best. FeLV 61/E induces persistent viremia and caused low incidence, long latency lymphoma in domestic cats<sup>2</sup>. The plasmid clone p61E is available as Catalog #109.

**Recommended Storage:** Liquid nitrogen.

**Contributor:** Dr. James I. Mullins.

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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.

**References:**

<sup>1</sup>Snyder HW Jr, Hardy WD Jr, Zuckerman EE, Fleissner E. Characterisation of a tumour-specific antigen on the surface of feline lymphosarcoma cells. *Nature* **275**:656-658, 1978.

<sup>2</sup>Overbaugh J, Donahue PR, Quackenbush SL, Hoover EA, Mullins JI. Molecular cloning of a feline leukemia virus that induces fatal immunodeficiency disease in cats. *Science* **239**:906-910, 1988.

**NOTE:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: FeLV 61E Infected 3201B Cells from Dr. James Mullins." Also include the reference cited above in any publications.

**Last Updated**

July 02, 2018

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