



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ FeLV EECC infected 3201B Cells

Catalog Number: 197

Lot Number: 2 P6 10/13/88

Release Category: D

Provided: 1.3×10^4 cells. If two vials are provided, they should be combined and grown simultaneously.

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 $0.5-3.0 \times 10^6$ 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 bacteria, mycoplasma, fungi, and yeast.

Description: 3201B cells infected with FeLV EECC.

Special Characteristics: Virus titer reaches 10^5 at best. EECC virus causes fatal immunodeficiency disease in pathogen-free cats. The plasmid clone is available as Catalog #105.

Recommended Storage: Liquid nitrogen.

Contributor: Dr. James I. Mullins.

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:

¹Snyder 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.

²Overbaugh 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 EECC 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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