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DATA SHEET

Reagent:	☥ HIV-1 IIIB infected Cells (LL58)
Catalog Number:	811
Lot Number:	2/14/91
Release Category:	C
Provided:	8 x 10^6 cells/vial.
Cell Type:	LL58 cells are a HIV-1 IIIB infected subclone of X50-7, an EBV-transformed umbilical cord B lymphoblast line. Round cells.
Propagation Medium:	RPMI 1640 92%; fetal bovine serum, 8%.
Freeze Medium:	RPMI 1640, 72%; fetal bovine serum, 20%; DMSO, 8%.
Growth Characteristics:	Medium growth rate. Doubling time 24-48 hours. Maintain the cells at 3-4 x 10^5 cells/mL. Cells grow in single cell suspension with some clumping.
Sterility:	Negative for bacteria, fungi, and mycoplasma.
Description:	This cell line contains a persistent non-productive HIV-1 IIIB infection.
Special Characteristics:	Negative for RT and p24. Virions can be detected within cells by electron microscopy; however, infectious virions are not released into the medium. The cells are $CD4^-$.
Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. George Miller.

References:

Dahl K, Burrage T, Jones F, Miller G. Persistent nonproductive infection of Epstein-Barr virus-transformed human B lymphocytes by human immunodeficiency virus type I, *J Virol* **64**:1771-1783, 1990.

Dahl K, Martin K, Miller G. Differences among human immunodeficiency virus strains in their capacities to induce cytolysis or persistent infection of a lymphoblastoid cell line immortalized by Epstein-Barr virus. *J Virol* **61**:1602, 1987.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 IIIB infected Cells (LL58) from Dr. George Miller." Also include the references cited above in any publications.

Last Updated

July 02, 2018