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:


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.

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