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DATA SHEET

Reagent: HTLV-1 Transformed Rabbit Cells (BH 24)

Catalog Number: 11087

Lot Number: 1/7/2005

Release Category: A

Provided: 1 vial, 5×10^6 cells/vial

Propagation Medium: RPMI 1640 supplemented with 6 mM L-glutamine, 100 U/mL penicillin, 100 mg/ml streptomycin, 90%; heat-inactivated fetal bovine serum, 10%.

Freeze Medium: Cell Culture Freezing Medium (Invitrogen, Carlsbad, CA. Cat. No. 11101-011)

Growth Characteristics: Grows in clumpy suspension.

Morphology: Lymphocytes

Sterility: pending

Description: HTLV-I producing T cell line BH24 was derived from a rabbit inoculated with an infectious HTLV-I molecular clone K30p naked DNA.

Special Characteristics: BH24 cell line is a potential and very useful tool for the studies of HTLV-I infection in vivo and in vitro. Cell-free HTLV-I isolated from BH24 cell culture supernatant was able to mediate infectivity in rabbits. One milliliter of supernatant prepared from culture with concentration of 1×10^6 cells per mL contains $2-5 \times 10^7$ copies of viral RNA, 2-3 μg of HTLV-1 gag p19 protein.

[Cell-free Virus Preparation](#)

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.

Recommended Storage:	Liquid nitrogen.
Contributor:	Dr. Thomas Kindt.
References:	Hague BF, Zhao TM, Kindt TJ. Binding of HTLV-1 virions to T cells occurs by a temperature and calcium-dependent process and is blocked by certain type 2 adenosine receptor antagonists. <i>Virus Res.</i> 93(1) :31-9, 2003. Zhao TM, Robinson MA, Bowers FS, Kindt TJ. Characterization of an infectious molecular clone of human T-cell leukemia virus type I. <i>J Virol.</i> 69(4) :2024-30, 1995.
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HTLV-1 Transformed Rabbit Cells (BH 24) from Dr. Thomas Kindt." Also include the references cited above in any publications. Scientists at for-profit institutions or who intend commercial use of this reagent must contact Cindy Fuchs at email address cindy.fuchs@nih.gov, and specify in the email the name of the reagent, and a description of the intended use of the reagent.
Last Updated	July 03, 2018

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