



NIH AIDS Reagent Program

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DATA SHEET

Reagent: Jurkat-HXBc2(4) Cells

Catalog Number: 3952

Lot Number: 031170

Release Category: B

Provided: 1.2×10^7 cells/ml. Viability is 92%.

Propagation Medium: RPMI 1640, 90%; fetal bovine serum, 10%. Supplement with 200 µg/ml G418, 200 µg/ml hygromycin, 1 µg/ml tetracycline (to suppress env and rev expression).

Freeze Medium: Propagation medium, 90%; DMSO, 10%.

Sterility: Negative for bacteria, fungi, and mycoplasma.

Description: These are Jurkat cells that inducibly express HIV-1 HXBc2 Rev and Env when tetracycline is removed from the medium. See the reference for more details. CD4 expression in this clone (4) is low.

A different clone, Cat#3953 Jurkat-HXBc2(6), is also available which has high CD4 expression.

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Joseph Sodroski.

References: Cao J, Park IW, Cooper A, Sodroski J. Molecular determinants of acute single-cell lysis by human immunodeficiency virus type 1. *J Virol* **70**:1340-1354, 1996.

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.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Jurkat-HXBc2(4) from Dr. Joseph Sodroski." Also include the reference cited above in any publications.

Last Updated

January 10, 2017

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