



## NIH AIDS Reagent Program

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### DATA SHEET

<b>Reagent:</b>	Jurkat-HXBc2(4) Cells
<b>Catalog Number:</b>	3952
<b>Lot Number:</b>	100304
<b>Release Category:</b>	B
<b>Provided:</b>	2.9 x 10 <sup>6</sup> cells/mL. Viability is 80%.
<b>Propagation Medium:</b>	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).
<b>Freeze Medium:</b>	Propagation medium, 90%; DMSO, 10%.
<b>Sterility:</b>	Negative for bacteria, fungi, and mycoplasma.
<b>Description:</b>	<p>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.</p> <p>A different clone, Cat#3953 Jurkat-HXBc2(6), is also available which has high CD4 expression.</p>
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Dr. Joseph Sodroski.
<b>References:</b>	Cao J, Park IW, Cooper A, Sodroski J. Molecular determinants of acute single-cell lysis by human immunodeficiency virus type 1. <i>J Virol</i> <b>70</b> :1340-1354, 1996.

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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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