NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	Jurkat-522 F/Y Cells
Catalog Number:	3955
Lot Number:	011660
Release Category:	B
Provided:	1 x 10^7 cells/vial. Viability is 94%.
Cell Type:	Jurkat
Propagation Medium:	RPMI 1640, 90%; fetal bovine serum, 10%. Supplement with 200 µg/ml G418, 200 µg/ml hygromycin, 1 µg/ml tetracycline.
Freeze Medium:	Propagation medium, 90%; DMSO, 10%.
Sterility:	Negative for bacteria, fungi, and mycoplasma.
Description:	Jurkat cells that inducibly express Rev and a fusion-defective HXBc2 Env mutant, 522 F/Y, which has a single residue change in the gp41 amino terminus
Special Characteristics:	Expression of HIV proteins is induced by removal of tetracycline from the medium.
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.

NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Jurkat-522 F/Y Cells from Dr. Joseph Sodroski." Also include the reference cited above in any publications. **Please note that this lot represents cells grown in the absence of tetracycline. This means that the cell line is already expressing. The user will need to check the experimental results by using cells cultured with tetracycline against cells cultured without tetracycline.**
Last Updated	July 03, 2018