



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	☼ Raji Cells
Catalog Number:	9944
Lot Number:	098263
Release Category:	C
Provided:	1.85 x 10 ⁶ cells/vial, viability is 97%.
Cell Type:	Human B cell line.
Propagation Medium:	RPMI 1640, 90%; fetal bovine serum, 10%.
Freeze Medium:	RPMI 1640, 70%; fetal bovine serum, 20%; DMSO, 10%.
Growth Characteristics:	Suspension cell line. Doubling time of approximately 20 hours.
Morphology:	Lymphocytic.
Sterility:	Negative for mycoplasma, bacteria and fungi.
Special Characteristics:	Epstein Barr Virus (EBV)-positive Burkitt's lymphoma line obtained from the ATCC. Used as the parental line in deriving Raji/DC-SIGN cells (Cat# 9945). Negative control line used in DC-SIGN-mediated HIV transmission assays. FACS QC
Recommended Storage:	Liquid nitrogen.

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.

Contributor: Drs. Li Wu and Vineet N. KewalRamani, HIV Drug Resistance Program, NCI.

References: Wu L, Martin TD, Carrington M, KewalRamani VN. Raji B cells, misidentified as THP-1 cells, stimulate DC-SIGN-mediated HIV transmission. *Virology* **318**:17-23, 2004.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Raji from Drs. Li Wu and Vineet N. KewalRamani." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact: Dr. Jeffrey W. Thomas, NCI Technology Transfer Center, ATRF Room E3202, PO Box B, Frederick, MD 21701, Email: jeffreyt@mail.nih.gov, Tel: (301) 846-5465, Fax: (301) 846-6820, before the reagent can be released. Tel: 301-846-5465

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