DATA SHEET

For research use only. Not for use in humans.

Reagent:	Raji Cells
Catalog Number:	ARP-9944
Lot Number:	180191
Release Category:	C
Provided:	Each vial of ARP-9944 contains approximately 4.3 x 10^6 cells in 1.0 mL of 70% RPMI containing 20% fetal bovine serum and 10% DMSO. Post-thaw viability was observed to be 29% but cells recovered quickly and reached 91% viability by day 4 of culture.
Cell Type:	ARP-9944 is a human B cell line.
Propagation Medium:	The recommended propagation medium is 90% RPMI containing 10% fetal bovine serum and supplemented with penicillin and streptomycin.
Freeze Medium:	The recommended freeze medium is 70% RPMI containing 20% fetal bovine serum and 10% DMSO.
Growth Characteristics:	ARP-9944 is a suspension cell line with a doubling time of approximately 20 hours.
Morphology:	Lymphocytic
Sterility:	Tests for bacteria, fungi and mycoplasma were negative.
Description:	ARP-9944 is an Epstein Barr Virus (EBV)-positive Burkitt lymphoma line originally obtained from the American Type Culture Collection (ATCC).
Special Characteristics:	ARP-9944 was used as the parental line in deriving Raji/DC-SIGN+ cells (ARP-9945). It is used as a negative control in DC-SIGN-mediated HIV transmission assays.
Recommended Storage:	Keep at -100°C or colder, preferably in the vapor phase of a liquid nitrogen freezer.
Contributor:	Drs. Li Wu and Vineet N. KewalRamani
Reference:	Wu, L., et al. "Raji B cells, Misidentified as THP-1 Cells, Stimulate DC-SIGN-Mediated HIV Transmission." Virology 318 (2004): 17-23. PubMed: 14972530.
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Raji Cells, ARP-9944, contributed by Drs. Li Wu and Vineet N. KewalRamani."
Biosafety Level: 2	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.
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Note:

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