



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:	☒ HIV-1 A018 Virus (AZT Resistant)
Catalog Number:	629
Lot Number:	C_G910-6 (AZT Resistant Isolate) and A_H112-2 (AZT Sensitive Isolate)
Release Category:	A
Provided:	2 Vials, 1 mL of cell free virus per vial. This reagent is provided as two viruses isolated from the same patient at two different time points. One isolate is sensitive to AZT and the other shows resistance to the drug.
Original Source:	Patients with AIDS or ARC
Host Strain:	MT-2 Cells or Human PBMCs. The current lots were produced in MT-2 cells.
Sterility:	Negative for aerobic and anaerobic bacteria, fungi, and yeast.
Description:	CCR5 and CXCR4
Special Characteristics:	A_H112-2: $10^{5.5}$ TCID ₅₀ /ml, using MT-2 cells; 1.04 µg/ml p24 C_G910-6: $10^{5.0}$ TCID ₅₀ /ml, using MT-2 cells; 0.65 µg/ml p24 PBMC Co-culture and Plaque Reduction Assay Using HT4-6C Cells
Recommended Storage:	Keep the reagent in liquid nitrogen.
Contributor:	Dr. Douglas Richman

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.

References: Larder, B. A., Darby, G., & Richman, D. D. (1989). HIV with reduced sensitivity to zidovudine (AZT) isolated during prolonged therapy. *Science*, 243(4899), 1731-1734.
[PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 A018 Virus (AZT Resistant) from Dr. Douglas Richman (cat# 629)." Also include the reference cited above in any publications.

Last Updated: September 10, 2018

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.