



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: ☒ AZT Intermediate Isolate Panel I391-1

Catalog Number: 1075

Lot Number: 002 33-109

Release Category: A

Provided: 4 vials, 1 ml cell-free virus each.

Original Source: Isolated from patients with AIDS or ARC.

Sterility: Negative for bacteria, yeast, mycoplasma, and fungi.

Description: R5X4.
[Table & PBMC Co-culture and Plaque Reduction Assay Using HT4-6C Cells](#)

Special Characteristics: Harvested from infected MT-2 cell suspensions exhibiting +3 to +4 syncytia formation. Host of Choice: MT-2 cells or human PBLs.

Recommended Storage: Liquid nitrogen.

Contributor: Dr. Douglas Richman.

References: Gingeras TR, Prodanovich P, Latimer T, Guatelli JC, Richman DD, and Barringer KJ. Use of self-sustained sequence replication amplification reaction to analyze and detect mutations in zidovudine-resistant human immunodeficiency virus. *J Infect Dis* **164**:1066-1074, 1991.

Richman DD, Guatelli JC, Grimes J, Tsiatis A, Gingeras TR. Detection of mutations associated with zidovudine resistance in human immunodeficiency virus by use of the polymerase chain reaction. *J Infect Dis* **164**:1075-1081, 1991.

Larder BA, Kemp SD. Multiple mutations in HIV-1 reverse transcriptase confer

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.

high-level resistance to zalcitabine (AZT). *Science* **240**:1155-1158, 1989.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: AZT Intermediate Isolate from Dr. Douglas Richman." Also include the above references in any publications.

Last Updated:

June 24, 2013

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.