



NIH AIDS Reagent Program

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DATA SHEET

2 96079

Reagent: vAbT141

Catalog Number: 3029

Lot Number:

Provided: 1 ml cell-free virus, 2.8×10^8 pfu/ml. Propagate in RK13 cells (ATCC CCL37).

Description: Plasmid pAbT168, containing the HIV-1_{BH10} p55 *gag* gene under control of the 7.5K promoter and the lacZ gene under control of the BamF promoter, was transfected into Hu143TK- cells infected with NYCBH vaccinia virus. The resulting recombinant, vAbT141, was isolated and purified in the presence of BUdR and Bluogal.

[Growth, Purification and Titration of Vaccinia Virus](#)

Special Characteristics: vAbT141-infected cells express the p55 *gag* precursor and β -galactosidase. The p55 protein self-assembles into HIV-like particles that are secreted into the culture medium. Sterility: Negative for bacteria, fungi, and mycoplasma. Cloning Site: Vaccinia virus TK gene.

Recommended Storage: Liquid nitrogen.

Contributor: Therion Biologics Corporation.

References: Rinaldo C, Huang XL, Fan ZF, Ding M, Beltz L, Logar A, Panicali D, Mazzara G, Liebmann J, Cottrill M, Gupta P. High levels of anti-human immunodeficiency virus type 1 (HIV-1) memory cytotoxic T-lymphocyte activity and low viral load are associated with lack of disease in HIV-1-infected long-term nonprogressors. *J Virol* **69**:5838-5842, 1995. Luzuriaga K, Holmes D, Hereema A, Wong J, Panicali DL, Sullivan JL. HIV-1-specific cytotoxic T lymphocyte responses in the first year of life. *J Immunol* **154**:433-443, 1995. Koup RA, Sullivan JL, Levine PH, Brewster F, Mahr A, Mazzara G, McKenzie S, Panicali D. Antigenic specificity of antibody-dependent cell-mediated cytotoxicity directed against human immunodeficiency virus in antibody-positive sera. *J Virol* **63**:584-590, 1989.

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.

NOTE:

Limited to 1 aliquot per laboratory. Laboratory must maintain and propagate their own stocks according to the procedures described on this data sheet. Available only for non-commercial use. Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vAbT141 from Therion Biologics Corporation." Please include the reference cited above in any publications.

Last Updated:

June 24, 2013

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