



NIH AIDS Reagent Program

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DATA SHEET

2 96080

Reagent: ☒ vT23

Catalog Number: 3030

Lot Number:

Provided: 1 ml cell-free virus, 4.4×10^8 pfu/ml. Propagate in RK₁₃ cells (ATCC CCL37).

Cloning Vector: vAbT33, a K1L⁻, M2L⁻, LacZ⁺ derivative of the NYCBH strain that cannot grow on RK₁₃ cells due to the absence of the K1L host range.

Description: Plasmid pT2006, containing the vaccinia K1L gene and the HIV-1_{NL4-3} *nef* gene under control of the vaccinia 40K promoter, was transfected into RK₁₃ cells infected with vAbT33. The resultant recombinant, vT23, was isolated and purified on RK₁₃ cells, which are nonpermissive for growth of the nonrecombinant virus.

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

Special Characteristics: vT23-infected cells express Nef.
Sterility: Negative for bacteria, fungi, and mycoplasma.
Cloning Site: Vaccinia virus *Hind*III M region.

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.

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:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vT23 from Theron Biologics Corporation." Also include the references cited above in any publications. 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.

Last Updated:

June 24, 2013

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