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DATA SHEET

2 96078

Reagent: vAbT299

Catalog Number: 3028

Lot Number:

Provided: 1 ml cell-free virus, 3.1×10^8 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: The HIV-1_{89.6} *env* coding region was modified by deletion of sequences encoding aa 42-60. Plasmid pAbT612, containing the vaccinia K1L gene and the modified *env* gene under control of the vaccinia 40K promoter, was transfected into RK₁₃ cells infected with vAbT33. The resultant recombinant, vZbT299, 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: vAbT299-infected cells express envelope precursor that is defective in processing and transport to the cell surface.
Sterility: Negative for bacteria, fungi, and mycoplasma.
Cloning Site: Vaccinia virus *HindIII* M region.

Recommended Storage: -70degreeC.

Contributor: Therion Biologics Corporation.

References: 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: vAbT299 from Therion Biologics Corporation." Also include the reference cited above in any publications.

Last Updated:

June 24, 2013

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