



NIH AIDS Reagent Program

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DATA SHEET

030507

Reagent: vT173

Catalog Number: 4011

Lot Number:

Provided: 1 vial cell-free virus. TCID₅₀: 10^{9.2}/ml.

Description: The HIV-194UG114.1 *env* gene was modified to introduce silent mutations to remove two internal T₅NT sequences encoding vaccinia virus early transcription termination sequences. A plasmid 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, a K1L⁻, M2L⁻, LacZ⁺ derivative of the NYCBH strain that cannot grow on RK₁₃ cells due to the absence of the K1L host range gene. The resultant recombinant, vT173, was isolated and purified in RK₁₃ cells.

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

Special Characteristics: Cells infected with vT173 express the HIV-194UG114.1 *env* gene (subtype D). Sterility: Negative for bacteria, fungi, and mycoplasma.

Recommended Storage: -70°C.

Contributor: Therion Biologics Corporation, in collaboration with Dr. Feng Gao and Dr. Beatrice Hahn. Viruses expanded by Quality Biological, Inc.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vT173 from Therion Biologics Corporation." Also include the references cited above in any publications.

Limited to 1 aliquot per laboratory. Recipients must maintain their own stocks according to the procedures described on the data sheet. Available only for non-commercial use.

Last Updated: November 19, 2015

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.

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