



## NIH AIDS Reagent Program

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### DATA SHEET

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<b>Reagent:</b>	☒ vAbT204
<b>Catalog Number:</b>	3027
<b>Lot Number:</b>	
<b>Provided:</b>	1 ml cell-free virus, $2 \times 10^8$ pfu/ml. Propagate in RK <sub>13</sub> cells (ATCC CCL37).
<b>Description:</b>	<p>The HIV-1<sub>HXB2</sub> <i>pol</i> gene, including protease, reverse transcriptase, and integrase coding regions, was engineered to contain a translation initiator ATG at the 5' end of the <i>pol</i> coding sequence. Plasmid pAbT8547, containing the <i>pol</i> gene under control of the 7.5K promoter and the <i>lacZ</i> gene under control of the BamF promoter, was transfected into Hu143TK- cells infected with NYCBH vaccinia virus. The resulting recombinant, vAbT204, was isolated and purified in the presence of BUdR and Bluogal.</p> <p><a href="#">Growth, Purification and Titration of Vaccinia Virus</a></p>
<b>Special Characteristics:</b>	<p>vAbT204-infected cells express <i>pol</i> that is processed to mature protease, reverse transcriptase, and integrase. In addition, infected cells produce <math>\beta</math>-galactosidase. Sterility: Negative for bacteria, fungi, and mycoplasma. Cloning Site: Vaccinia virus TK gene.</p>
<b>Recommended Storage:</b>	Liquid nitrogen.
<b>Contributor:</b>	Therion Biologics Corporation.
<b>References:</b>	<p>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. <i>J Virol</i> <b>69</b>:5838-5842, 1995.</p> <p>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. <i>J Immunol</i> <b>154</b>:433-443, 1995.</p>

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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: vAbT204 from Therion Biologics Corporation." Please include the reference cited above in any publications.

**Last Updated:**

June 24, 2013

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