



NIH AIDS Reagent Program

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DATA SHEET

2 99074

Reagent: vCB-39

Catalog Number: 3373

Lot Number:

Provided: 1 ml crude virus preparation, titer: $10^{8.1}$ /ml.

Host or Recommended Host or Host Cells: Virus stocks grown in HeLa S3 cells.

Description: Derived from WR parental vaccinia virus strain. Contains HIV-1 *env* gene from ADA isolate (L. Ratner, Washington University, St. Louis.). *Env* gene cloned into plasmid pSC59 which contains a synthetic vaccinia strong early/late promoter (Chakrabarti S, Sisler JR, Moss B. Compact, synthetic, vaccinia virus early/late promoter for protein expression. *BioTechniques* **23**:1094-1097, 1997). Vaccinia recombinant generated by homologous recombination into the TK locus, and selection for TK- plaques using standard procedures.

Special Characteristics: Useful for expression of *env* glycoprotein for biochemical, immunologic, and functional studies.
Sterility: Negative for bacteria, fungi, and mycoplasma.

Recommended Storage: -70degreeC.

Contributor: Dr. Christopher C. Broder, Paul E. Kennedy, and Dr. Edward A. Berger.

References: Broder CC, Berger EA. Fusogenic selectivity of the envelope glycoprotein is a major determinant of human immunodeficiency virus type 1 tropism for CD4+ T-cell lines vs. primary macrophages. *Proc Natl Acad Sci USA* **92**: 9004-9008, 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: vCB-39 from Dr. Christopher C. Broder, Paul E. Kennedy, and Dr. Edward A. Berger." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Dr. Sally Hu at the NIH Office of Technology Transfer, Email: hus@mail.nih.gov, Phone: 301-435-5606, before the reagent can be released. Please specify the name and a description of the intended use of the reagent.

Last Updated:

June 24, 2013

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