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DATA SHEET

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Reagent:	☣ vCB-41
Catalog Number:	3375
Lot Number:	
Provided:	1 ml, $10^{7.5}$ $TCID_{50}$/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 LAV isolate, excised from pNL4-3, (M. Martin, National Institutes of Allergy and Infectious Diseases, Bethesda, MD). *Env* gene cloned into plasmid pSC59 which contains a synthetic vaccinia strong early/late promoter (Chakrabarti S, Sisler JR, Moss B. Compact, synthetic, vaccina 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.

NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vCB-41 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