



NIH AIDS Reagent Program

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DATA SHEET

002 2473

Reagent: vSC50

Catalog Number: 901

Lot Number:

Provided: 1 vial cell-free virus $>10^9$ infectious virions/ml. Infects HeLa and other vertebrate cells.

Description: The full-length *env* gene from HIV-2_{SBL/ISY}, an infectious molecular clone, was cloned into the vaccinia (WR) TK gene. *Env* gene expression is under control of the vaccinia virus P7.5 promoter. β -gal is also expressed.

Special Characteristics: Principal products are gp160, gp120, and gp41; all are glycosylated and processed. Cells infected with vSC50 form syncytia with human CD4+ cells. Sterility: Negative for bacteria, mold, fungus, and mycoplasma.

Recommended Storage: -70degreeC.

Contributor: Dr. Sekhar Chrakabarti and Dr. Bernard Moss.

References: Chakrabarti S, Mizukami T, Franchini G, Moss B. Synthesis, oligomerization, and biological activity of the human immunodeficiency virus type 2 envelope glycoprotein expressed by a recombinant vaccinia virus. *Virology* **178**:134-142, 1990.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vSC50 from Dr. Sekhar Chrakabarti and Dr. Bernard Moss." Also include the reference cited above in any publications.

The US Government has submitted a patent application on this reagent.

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

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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Last Updated:

June 24, 2013

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