Reagent: rVV/ROD
Catalog Number: 770
Lot Number: Provided: 1 vial cell-free virus, 2 x 10^9 pfu/ml at 72 hours.
Cloning Vector: Vaccinia virus, strain IHDJ. Infects a wide range of mammalian cells.
Description: Expresses the env gene of HIV-2ROD. The 3181 bp Ava1-Asp718 fragment excised from plasmid pS2E2, encompassing 88 nucleotides 5' to the env AUG, was ligated into the Sma1 site of the vaccinia virus recombination vector. The env gene was inserted into recombination plasmid pSC11 (Dr. Bernard Moss, NIAID), followed by homologous recombination into the TK gene of vaccinia. Env expression is under control of the vaccinia p7.5 early/late promoter; env is co-expressed with the lacZ gene under control of p11 vaccinia promoter.
Special Characteristics: HIV-2/ROD is cytopathic in vitro. It was initially provided by Dr. L. Montagnier, Institute Pasteur, Paris. rVV/ROD expresses high levels of HIV-2 envelope protein that is processed and transported to the cell surface.
Recommended Storage: -70°C.
Contributor: Dr. Mark J. Mulligan, Departments of Medicine and Microbiology, University of Alabama, Birmingham, AL.

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: rVV/ROD from Dr. Mark J. Mulligan." Also include the references cited above in any publications.

The US Government has submitted a patent application on the parent plasmid pSC11.

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