



NIH AIDS Reagent Program

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DATA SHEET

4 100094

Reagent: vP1488

Catalog Number: 3445

Lot Number:

Provided: 1 mL cell-free virus, 3.9×10^7 pfu/mL.

Host or Recommended Host or Host Cells: HeLa cells

Cloning Vector: WR (host range selection system) insertion plasmid.
Cloning Site: Vaccinia virus K1L region.

Description: Contains the HIV-1 Clade C gp160 coding sequence. The vaccinia virus early/late H6 promoter is cloned upstream of the env coding sequences. The env sequences have been modified to remove two T5NT vaccinia virus early transcription termination sequences by changing the base composition without altering the amino acid sequence.

Special Characteristics: Cells infected with vp1488 express HIV-1 Clade C gp160 which is properly processed and transported.
Negative for bacteria, fungi, and mycoplasma.

Recommended Storage: -70°C

Contributor: Virogenetics Corp.

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.

References:

Perkus ME, Limbach K, Paoletti E. Cloning and expression of foreign genes in vaccinia virus, using a host range selection system. *J Virol* **63**:3829–3836, 1989.

Gao F, Yue L, Craig S, Thornton CL, Robertson DL, McCutchan FE, Bradac JA, Sharp PM, Hahn BH. Genetic variation of HIV type 1 in four World Health Organization-sponsored vaccine evaluation sites: generation of functional envelope (glycoprotein 160) clones representative of sequence subtypes A, B, C, and E. WHO Network for HIV Isolation and Characterization. *AIDS Res Hum Retroviruses* **10**:1359–1368, 1996.

Goebel SJ, Johnson GP, Perkus ME, Davis SW, Winslow JP, Paoletti E. The complete DNA sequence of vaccinia virus. *Virology* **179**:247–266, 1990.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: vP1488 from Virogenetics Corp." Also include the references cited above in any publications.

Recipient must not use or incorporate the reagent for commercial purposes.

Last Updated:

November 02, 2015

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