



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** Panel of HIV-1 Env Clones – Subtypes A, A/D, A2/D, C, and D

**Catalog Number:** 11947

**Lot Number:** 003

**Release Category:** C

**Provided:** 10  $\mu$ L of each plasmid. Refer to the table below for a list of clones included in this set. Clones can also be ordered individually by catalog number.

**Cloning Vector:** PCI-neo (ampicillin and neomycin resistance); The size of the cloning vector including insert is approximately 8.5kb. The size of the insert alone is approximately 3kb.

**Cloning Site:** MluI-NotI, 5'-3'

**GenBank:** See attached table.

**Host Strain:** STBL3

**Description:** The envelope region of HIV-1 was amplified by PCR from PBMC DNA. The PCR product was digested with MluI/NotI, gel isolated and cloned into MluI/NotI digested pCI-neo.  
  
These variants can be ordered individually by catalog number, or as part of this panel set.

**Special Characteristics:** Panel of HIV-1 envelope clones isolated from women who acquired HIV-1 sexually. The envelope sequence was cloned from PBMC DNA at 23-100 days post-infection, as described in Blish JV, 83: 7783-7788, 2009 and Long et al. ARHR 18: 567-576, 2002.  
  
These variants are useful for screening neutralizing antibody responses, entry inhibitors, and/or candidate microbicides.

[Table 1. Panel of HIV-1 Envelope Clones](#)

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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.

**Recommended Storage:** -70°C

**Contributor:** Dr. Julie Overbaugh

**References:** Long et al. ARHR 18: 567-576, 2002 Blish et al Journal of Virology, 2009 Aug; 83(15): 7783-7788.

**NOTE:** Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: (specify clone) from Dr. Julie Overbaugh", also include references cited above.

**Scientists at for-profit institutions or who intend commercial use of this reagent must contact Gerianne Sands, Associate General Counsel, Fred Hutchinson Cancer Research Center, 110 Fairview Avenue North, Seattle WA, 98109, Tel: (206)667-1224, Fax: (206)667-6590, Email: gjsands@fhcrc.org, and specify the name of the reagent and a description of the intended use, before the reagent can be released.**

**Last Updated:** April 26, 2018

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