



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: 120042

Release Category: C

Provided: 10 μ 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](#)

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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