



NIH AIDS Reagent Program

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DATA SHEET

Reagent: HIV-1 97KR004.10 Env Expression Vector

Catalog Number: 6180

Lot Number: 011011

Release Category: C

Provided: 1 vial transformed DH5a.

Cloning Vector: The cloning vector is pCR-XL-TOPO. The size of the cloning vector including the insert is 6.6 kb.

Cloning Site: TA cloning site, 5'→3'. The size of the insert is 3.1 kb.

Description: Genomic DNA was extracted from PBMC culture and used for PCR amplification. PCR products were cloned directly into vector pCR-XL-TOPO at the TA cloning site. This clone is kanamycin resistant. GenBank Accession #AF286239. Sequences in GenBank reflect data derived from clones, not viruses.

Special Characteristics: Envelope gene molecular clone of an A2/D recombinant isolate from South Korea. This genome encodes an intact open reading frame for the envelope gene of HIV-1.

Recommended Storage: -70°C.

Contributor: Drs. Stanley A. Trask, Feng Gao, Beatrice H. Hahn, and Seoul National University College of Medicine.

References: Gao F, Vidal N, Li Y, Trask SA, Chen Y, Kostrikis LG, Ho DD, Kim J, Choe K, Oh MD, Salminen M, Robertson DL, Shaw GM, Hahn BH, and Peeters M. Evidence for two distinct sub-subtypes within the HIV-1 subtype A radiation. *AIDS Res Hum Retroviruses* **17**(8):675-688, 2001.

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, NIAID, NIH: HIV-1 97KR004.10 Env Expression Vector from Drs. Stanley A. Trask, Feng Gao, Beatrice H. Hahn, and Seoul National University College of Medicine (cat# 6180)." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact Ellen Johnson, Office of Grants and Contract, AB 1170, 1530 3rd Ave. S, Birmingham AL 35294-0111, Tel: 205-934-5266 Fax: 205-975-5977, before the reagent can be released.

Last Updated:

September 06, 2018

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