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DATA SHEET

Reagent: HIV-1 97CN001.12 Infectious Molecular Clone

Catalog Number: 6171

Lot Number: 190011

Release Category: C

Provided: 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

Cloning Vector: pTZ18MluI
Ampicillin resistant

Cloning Site: MluI cloning site
The size of the insert is 9024 bp.

GenBank: [AF286226](#)

Host Strain: Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.

Description: A full length replication competent HIV-1 subtype CRF07_BC 97CN001.12 infectious molecular clone.

Special Characteristics: This construct is 11888 bp including the insert.
Near full length molecular clone of a B/C recombinant isolate from China. This genome encodes intact open reading frames for all nine HIV-1 genes. Genomic DNA was extracted from PBMC culture and used for PCR amplification.
[Sequence file lot 190011](#)
Alternate names include: p97CN001.12
This reagent is currently being provided as dried purified DNA stabilized in DNASTable

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.

PLUS. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Drs. Cynthia M. Rodenburg, Beatrice H. Hahn, Feng Gao, and the UNAIDS Network for HIV Isolation and Characterization
References:	Rodenburg, C. M., Li, Y., Trask, S. A., Chen, Y., Decker, J., Robertson, D. L., Kalish, M. L., Shaw, G. M., Allen, S., Hahn, B. H. and Gao, F. (2001). Near full-length clones and reference sequences for subtype C isolates of HIV type 1 from three different continents. AIDS Res Hum Retroviruses, 17(2), 161-8. doi:10.1089/08892220150217247 PUBMED
NOTE:	Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, NIAID, NIH: HIV-1 97CN001.12 Infectious Molecular Clone from Drs. Cynthia M. Rodenburg, Beatrice H. Hahn, Feng Gao, and the UNAIDS Network for HIV Isolation and Characterization (cat# 6171)." Also include the reference cited above in any publications. Scientists at for-profit institutions or who intend commercial use of this reagent must contact The UAB Research Foundation at the following email address: innovation@uab.edu, before the reagent can be released.
Last Updated:	March 27, 2020

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