



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ HIV-1 LAI Infectious Molecular Clone (pLAI.2)

Catalog Number: 2532

Lot Number: 050749

Release Category: C

Provided: 1 ml of ampicillin-resistant transformed bacteria. (Formerly pBRU2).

Cloning Vector: pKP59

Description: Full length HIV-1_{LAI} proviral clone. It contains a 10 kb viral insert, plus 2 kb of flanking cellular DNA. A duplication upstream of the 5' LTR results in a 34 nt addition to the *nef* coding region.

[Sequence](#)

[Restriction Digest](#)

[Plasmid Map](#)

Special Characteristics: Produces infectious virus in PBL's, CD4+ T-cell lines, and U937.

Recommended Storage: -70°C.

Contributor: Dr. Keith Peden, courtesy of the MRC AIDS Directed Program.

References: Peden K, Emerman M, Montagnier L. Changes in growth properties on passage in tissue culture of viruses derived from infectious molecular clones of HIV-1LAI, HIV-1MAL, and HIV-1ELI. *Virology* **185**:661-672, 1991.

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, Division of AIDS, NIAID, NIH: HIV-1 LAI Infectious Molecular Clone (pLAI.2) from Dr. Keith Peden, courtesy of the MRC AIDS Directed Program." Also include the reference cited above in any publications.

Last Updated:

September 06, 2018

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