



NIH AIDS Reagent Program

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DATA SHEET

Reagent: FIV PPR Infectious Molecular Clone

Catalog Number: 1237

Lot Number: 170053

Release Category: B

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

Cloning Vector: pUC119
Ampicillin resistant

Cloning Site: EcoRI/BamHI cloning site (cloned in as three pieces)
The size of the insert is approximately 9468 bp.

GenBank: [M36968](#)

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

Description: A full length replication competent, infectious FIV PPR molecular clone. This clone contains 2 LTRs, plus 150 bp each of 5' and 3' cellular sequences.

Special Characteristics: The source of this molecular clone is derived from a λEMBL-4 library prepared from DNA isolated from peripheral blood leukocytes of a cat from the San Diego area.
FIV-PPR readily infects feline peripheral blood leukocytes and cell lines derived from peripheral blood leukocytes, but does not productively infect other established feline cell lines.
This reagent is currently being provided as dried purified DNA stabilized in DNASTable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

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: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

Contributor: Dr. John H. Elder

References:

T. R. Phillips, C. Lamont, D. A. Konings, B. L. Shacklett, C. A. Hamson, P. A. Luciw and J. H. Elder. (1992). Identification of the Rev transactivation and Rev-responsive elements of feline immunodeficiency virus. *J Virol*, 66(9), 5464-71. [PUBMED](#)

T. R. Phillips, R. L. Talbott, C. Lamont, S. Muir, K. Lovelace and J. H. Elder. (1990). Comparison of two host cell range variants of feline immunodeficiency virus. *J Virol*, 64(10), 4605-13. [PUBMED](#)

R. L. Talbott, E. E. Sparger, K. M. Lovelace, W. M. Fitch, N. C. Pedersen, P. A. Luciw and J. H. Elder. (1989). Nucleotide sequence and genomic organization of feline immunodeficiency virus. *Proc Natl Acad Sci U S A*, 86(15), 5743-7. [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: FIV PPR Infectious Molecular Clone from Dr. John Elder." Also include the references cited above in any publications.

Last Updated: November 13, 2019

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