



NIH AIDS Reagent Program

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DATA SHEET

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|---------------------------------|---|
| Reagent: | SIV _{mac} 239 3' Partial Molecular Clone (p239SpE3') |
| Catalog Number: | 830 |
| Lot Number: | 080144 |
| Release Category: | C |
| Provided: | 1 mL glycerol stock (DH5a) |
| Cloning Vector: | pBS- |
| Cloning Site: | SphI and EcoRI |
| GenBank: | M33262 |
| Description: | <p>3' half of SIV_{mac}239 proviral genome plus 2533bp of 3' flanking cellular DNA. Insert fragment contains <i>tat</i> (partial), <i>rev</i>, <i>env</i>, and <i>nef</i> genes, 3' LTR and 3' cellular DNA.</p> <p>Please note, there is a premature stop in <i>nef</i> codon 93. For the <i>nef</i> open version of this reagent please see catalog #2476</p> |
| Special Characteristics: | <p>Insert fragment is half of SIV_{mac}239 proviral genome. Provirus is regenerated by <i>Sph</i>I digestion of p239SpSp5' and p239SpE3' and religation of a mixture of the two plasmids. The proviral DNA yields virus upon transfection into primary T-lymphocytes or T-lymphocytic cell lines. Virus recovered from the cell culture is pathogenic in rhesus macaques.</p> <p>Source of Pro Virus: λSIV239-1</p> <p>Contributor provided sequence information</p> <p>Plasmid map and sequence file</p> |
| Recommended Storage: | -70°C. |

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.

Contributor: Dr. Ronald Desrosiers.

References: Kestler HW III, Kodama T, Ringler D, Marthas M, Pedersen N, Ratner A, Regier D, Sehgal T, Daniel M, King N, Desrosiers RC. Induction of AIDS by molecularly cloned virus. *Science* **248**:1109-1112, 1990. Regier DA, Desrosiers RC. The complete nucleotide sequence of a pathogenic molecular clone of simian immunodeficiency virus. *AIDS Res Hum Retroviruses* **6**:1221-1231, 1990.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIVmac239 3' Partial Molecular Clone (p239SpE3') from Dr. Ronald Desrosiers (cat# 830)." Also include the references cited above in any publications.

Available only for non-commercial use. Requests from commercial organizations should be directed to Harvard Medical School Office of Technology Development at the following email address: hms_materialtransfer@harvard.edu.

Last Updated: September 05, 2018

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