



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SIV _{mac} 239 3' Partial Molecular Clone (p239SpE3')
Catalog Number:	830
Lot Number:	97094
Release Category:	C
Provided:	1 vial transformed DH5a bacteria in NZY-Amine broth containing 20% glycerol.
Cloning Vector:	pBS-
Cloning Site:	<i>Sph</i> I and <i>Eco</i> RI.
Description:	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. Complete DNA sequence available from Genbank/EMBL accession number M33262. Click here to view sequence and restriction map.
Special Characteristics:	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. Source of Pro Virus: λSIV239-1
Recommended Storage:	-70°C.
Contributor:	Dr. Ronald Desrosiers.

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.

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 Ronald C. Desrosiers, New England Regional Primate Research Center, Harvard Medical School, One Pine Hill Drive, Box 9102, Southborough, MA 01772-9102.

Last Updated:

September 05, 2018

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