



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	SIVmac239 3' Partial Molecular Clone (pTR138)
Catalog Number:	1322
Lot Number:	180441
Release Category:	C
Provided:	5 µg of dried purified DNA stabilized in DNASTable PLUS
Cloning Vector:	pIC20R Ampicillin resistant
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 partial SIVmac239 3' molecular clone.
Special Characteristics:	<p>This construct is 7414 bp including the insert.</p> <p>pTR138 contains SIV_{mac}239 sequences from nt 5694-10453 except for an 82 bp deletion in the 3' LTR U5 region (the 3' LTR is still functional). Ligation of pTR138 to p239SpSp5' at the unique <i>Bst</i>BI site produces replication-competent SIV_{mac}239 upon transfection into COS M6 cells. Source of Pro Virus: SIV_{mac}239 clones p239SpSp5' (Catalog #829) and p239SpE3' (Catalog #830).</p> <p>Contributor provided plasmid map</p> <p>Sequence file lot 180441</p> <p>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</p>
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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. Tahir Rizvi and Dr. Antonito Panganiban

References: Rizvi, T. A. and Panganiban, A. T. (1992). Propagation of SIV vectors by genetic complementation with a heterologous env gene. AIDS Res Hum Retroviruses, 8(1), 89-95. doi:10.1089/aid.1992.8.89 [PUBMED](#)

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 (pTR138) from Dr. Tahir Rizvi and Dr. Antonito Panganiban (cat# 1322)." Also include the reference cited above in any publications.

Last Updated: November 14, 2019

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