



NIH AIDS Reagent Program

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DATA SHEET

Reagent: SIV_{mac}239 ΔEnv Non-infectious Molecular Clone (pTR140)

Catalog Number: 1323

Lot Number: 12/20/91

Release Category: C

Provided: 1 vial transformed XL1Blue bacteria. Also grows in JM107, JM109.

Cloning Vector: pIC20R.

Special Characteristics: pTR140 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 pTR140 to p239SpSp5' at the unique *Bst*BI site produces replication-defective SIV_{mac}239 due to the insertion of the hygromycin resistance gene into the *env* gene. However, it is possible to propagate the vector by transcomplementation with an *env*-expressing plasmid. Source of Pro Virus: SIV_{mac}239 clones p239SpSp5' (Catalog #829) and p239SpE3' (Catalog #830).
[Plasmid Map](#)

Recommended Storage: -70°C.

Contributor: Dr. Tahir Rizvi and Dr. Antonito Panganiban.

References: Propagation of SIV vectors by genetic complementation with a heterologous *env* gene. *AIDS Res. Hum. Retroviruses* **8**:89-95, 1992.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: SIV_{mac}239 ΔEnv Non-infectious Molecular Clone (pTR140) from Dr. Tahir Rizvi and Dr. Antonito Panganiban (cat# 1323)." Also include the reference cited above in any publications.

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.

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