



NIH AIDS Reagent Program

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DATA SHEET

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| Reagent: | HIV-1 SF2 Tat Expression Vector (pGEM2Tat) |
| Catalog Number: | 909 |
| Lot Number: | 4/4/91 |
| Release Category: | A |
| Provided: | 1 vial transformed DH5a. |
| Description: | <p>A 295 bp fragment encoding the first exon of tat (ARV2-B) has been joined to a pET3A transcription terminator and this construct cloned as a <i>HincII/SmaI</i> fragment downstream of the pGEM2 (Promega) T7 promoter. The pGEM2 polylinker <i>SmaI</i> site was destroyed during the cloning process. pGEM2Tat contains a β-lac marker.</p> <p>Plasmid Map</p> |
| Special Characteristics: | Can be used for preparation of plasmid DNA and making radiolabeled probes for in situ hybridization. |
| Recommended Storage: | -70°C. |
| Contributor: | Dr. Richard Gaynor. |
| References: | Rosenberg AH, Nade BN, Chui D-S, Lin S-W, Dunn JJ, Studier FW. Vectors for selective expression of cloned DNAs by T7 RNA polymerase. <i>Gene</i> 56 :125, 1987. Garcia JA, Hardch D, Pearson L, Mitsuyasu R, Gaynor R. Functional domains required for tat-induced transcriptional activation of the HIV-1 long terminal repeat. <i>EMBO J</i> 7 :3143-3147, 1988. |
| NOTE: | Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 SF2 Tat Expression Vector (pGEM2Tat) from Dr. Richard Gaynor (cat# 909)." |

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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