



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	HTLV-II Cloning Vector (pGEMT-HTLV-2)
Catalog Number:	12496
Lot Number:	140032
Release Category:	E
Provided:	5ug in 12.5ul TE
Cloning Vector:	pGEMT-Easy (Promega)
Cloning Site:	EcoRI and SpeI
Description:	<p>The HTLV-2 PCR amplified sequence was ligated to the T' s between EcoRI and Spe I sites of the pGEMT-Easy (Promega) vector. The size of the insert is 801 bp. The cloning vector is pGEMT-Easy (Promega). The size of the cloning vector including the insert is 3818 bp.</p> <p>The insert was obtained by PCR amplification from human genomic DNA and ligated to the pGEMT-Easy vector (Promega) following manufacturer recommendations.</p> <p>The sequence maps to partial LTR and gag sequences of the HTLV-2 virus (Human T-cell lymphotropic virus type II, complete proviral genome of isolate G12) [Genbank accession: L11456] between nucleotides 39 and 840 corresponding to partial LTR and gag sequences of the virus.</p> <p>Not for protein expression</p>
Special Characteristics:	<p>The construct contains partial sequence of the orphan HTLV-2 virus that could serve as a positive control in population screenings using the following primers: Forward: 5'-CGAGTCATCGACCCAAAAGGTC-3' Reverse: 5'-GGAGTTGGGGAAAGCCCGTGG-3'</p>
Recommended Storage:	-20C

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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References: Oltra E, García-Escudero M, Mena-Durán AV, Monsalve V, Cerdá-Olmedo G. Lack of evidence for retroviral infections formerly related to chronic fatigue in Spanish Fibromyalgia patients. *Virology Journal*. 2013 Nov 11;10(1):332. [Epub ahead of print]PubMed PMID: 24216038.

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