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DATA SHEET

Reagent:	HIV-1 NL4-3 ΔVpu Infectious Molecular Clone (pNL-U35)
Catalog Number:	968
Lot Number:	1 10/26/90
Release Category:	C
Provided:	1 ml transformed HB101 bacteria in LB medium containing 15% glycerol.
Description:	Contains *Sma*I (5' flanking sequences) - *Nru*I (3' flanking sequences) fragment from pNL4-3 inserted into the *Pvu*II site of pUC18. An 8 bp *Xho*I linker fragment (CCTCGAGG) was inserted into the *Ssp*I site (nt 6189) found within the *vpu* ORF of the pNL4-3 fragment. The *Xho*I linker causes a translational frame shift, resulting in premature termination 35 codons from the amino terminus of the *vpu* protein.
Special Characteristics:	This clone contains a defective *vpu* gene, but is otherwise identical to the infectious molecular clone pNL4-3 and contains all other known HIV-1 genes. Transfection of this clone directs the production of infectious virus particles. Cultures should be grown in LB medium containing 100 µg/ml ampicillin. Source of Pro Virus: pNL4-3 (Catalog #114), which contains 5' NY5 and 3' LAV DNA, was used as the parental plasmid.
Contributor:	Dr. Klaus Strebel.
References:	Strebel K, Klimkait T, Martin M. A novel gene of HIV-1, *vpu*, and its 16 kD product. *Science* **241**:1221-1223, 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 NL4-3 ΔVpu Infectious Molecular Clone (pNL-U35) from Dr. Klaus Strebel." Also include the reference cited above in any publications. **Scientists at for-profit institutions or who intend commercial use of this reagent must contact the NIH Office of Technology Transfer,** **Email: NIAIDAIDSReagent@niaid.nih.gov, before the reagent can be released.** **Please specify the name and a description of the intended use of the reagent.**