NIH AIDS Reagent Program
20301 Century Boulevard
Building 6, Suite 200
Germantown, MD 20874
USA

Phone: 240 686 4740
Fax: 301 515 4015
aidsreagent.org

DATA SHEET

Reagent:	HIV-1 NL4-3 ΔVpu Infectious Molecular Clone (pNL-U35)
Catalog Number:	968
Lot Number:	070012
Release Category:	C
Provided:	2 µg purified plasmid DNA (0.4µg/µL)
Cloning Vector:	pNL4-3 (Catalog #114), which contains 5'NY5 and 3'LAV DNA, was used as the parental plasmid.
Host Strain:	HB101
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:	The size of this construct is 14,833 bp. 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. Plasmid map and sequence file lot 070012
Recommended Storage:	-20°C
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.

Last Updated: January 26, 2018