



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 Env Expression Vector (NI1149.ec1)

Catalog Number: 13505

Lot Number: 190233

Release Category: D

Provided: 5 µg of dried purified DNA stabilized in DNASTable *Plus*

Cloning Site: Unknown

Cloning Vector: pcDNA3.1D/v5His-TOPO vector
Ampicillin resistant

Description: An expression vector which produces HIV-1 subtype CRF01_AE NI1149.ec1 Env protein.

Special Characteristics: This plasmid expresses Env derived from a patient from Thailand.
This clone is available individually, or as part of panel set #13467.
[Panel of International HIV-1 Env Clones](#)
GenBank Accession Number: [MK501594](#)
Plasmids can be propagated in STBL2 cells and grown at 37°C. Larger plasmids may benefit from growth at 30°C. This construct may also be grown in other competent cells.
This reagent is currently being provided as dried purified DNA stabilized in DNASTable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

Recommended Storage: Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

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.

Contributor: Dr. Sodsai Tovanabutra

References: Brown, B. K., Wieczorek, L., Sanders-Buell, E., Rosa Borges, A., Robb, M. L., Birx, D. L., Michael, N. L., McCutchan, F. E. and Polonis, V. R. (2008). Cross-clade neutralization patterns among HIV-1 strains from the six major clades of the pandemic evaluated and compared in two different models. *Virology*, 375(2), 529-38.
doi:10.1016/j.virol.2008.02.022 [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 Env Expression Vector (NI1149.ec1) from Dr. Sodsai Tovanabutra (cat# 13505)." Also include the references cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of this reagent must contact the Office of Technology Transfer at the following email address: techtransfer@hjf.org, before the reagent can be released.

Last Updated: October 27, 2020

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