



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:	Panel of Global HIV-1 Env Clones
Catalog Number:	12670
Lot Number:	180437
Release Category:	C
Provided:	12 vials per set. Each vial contains 5 µg of dried purified DNA stabilized in DNASTable <i>Plus</i> . See attached file for a list of included clones.
Cloning Vector:	pcDNA3.1/V5-His-TOPO Ampicillin resistant
GenBank:	See attached file below
Host Strain:	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.
Description:	A panel of 12 HIV-1 Env molecular clones. These reference strains were chosen because they are representative of the global HIV-1 epidemic.
Special Characteristics:	<p>This panel of HIV-1 Env molecular clones are designed to assess neutralization responses.</p> <p>219 viruses were evaluated and it was determined that these 12 viruses represent the widest neutralization profile encompassing all major genetic subtypes and circulating recombinant forms of HIV-1.</p> <p>Table 1. Panel of Global HIV-1 Env Clones</p> <p>This reagent is currently being provided as dried purified DNA stabilized in DNASTable <i>PLUS</i>. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. Dried DNA Notice</p>

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.

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

Contributor: Multiple. Please see the Table 1 for more information.

References: deCamp, A., Hraber, P., Bailer, R. T., Seaman, M. S., Ochsenbauer, C., Kappes, J., . . . Montefiori, D. C. (2014). Global panel of HIV-1 Env reference strains for standardized assessments of vaccine-elicited neutralizing antibodies. *J Virol*, 88(5), 2489-2507. doi:10.1128/JVI.02853-13 [PUBMED](#)

NOTE: **Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: Panel of Global HIV-1 Env Clones from Dr. David Montefiori" Also include the reference cited above in any publications.**

Last Updated: August 11, 2020

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