



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	Panel of Global HIV-1 Env Clones
Catalog Number:	12670
Lot Number:	160066
Release Category:	C
Provided:	12 clones; 5µg of each at 200 µg/mL in water. See Table 1 for included clones.
Cloning Vector:	pcDNA3.1/V5-His-TOPO (Ampicillin resistant).
GenBank:	See Table 1 for clone specific accession numbers.
Host Strain:	Stbl2. To help maintain insert stability, expand plasmids at 30°C.
Description:	This is a panel of 12 envelope clones designed to assess neutralization responses. These reference strains were chosen because they are representative of the global epidemic.
Special Characteristics:	219 viruses were evaluated and down-selected to these 12 which were determined to represent the widest neutralization profile encompassing all major genetic subtypes and circulating recombinant forms of HIV-1. Table 1. Panel of Global HIV-1 Env Clones
Recommended Storage:	Keep at -20°C or lower. Avoid freeze-thaw cycles as reagent degradation may result.
Contributor:	Multiple. Please see the Table 1 for more information.

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.

References: DeCamp, A., Hraber, P., Bailer, R.T., Seaman, M.S., Ochsenbauer, C., Kappes, J., Gottardo, R., Edlefsen, P., Self, S., Tang, H., Greene, K., Gao, H., Daniell, X., Sarzotti-Kelsoe, M., Gorny, M.K., Zolla-Pazner, S., LaBranche, C.C., Mascola, J.R., Korber, B.T., and 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. [Abstract](#)

NOTE: **Acknowledgment for publications should read "Panel of Global HIV-1 Env Clones (cat# 12670) was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH from Dr. David Montefiori" Also include the reference cited above in any publications.**

Last Updated: August 28, 2017

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