



DATA SHEET

For research use only. Not for use in humans.

Reagent:	Panel of Human Immunodeficiency Virus Type 1 (HIV-1) Env Molecular Clones, Subtype C Indian
Catalog Number:	ARP-11672
Lot Number:	180187
Release Category:	E
Provided:	ARP-11672 is a set of 10 vials, each containing approximately 5 micrograms of dried, purified DNA stabilized in DNASTable®Plus. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents on the NIH HIV Reagent Program webpage.
Description:	<p>ARP-11672 is a panel of 10 clones representing env/rev sequences derived from the genomic DNA of infected peripheral blood mononuclear cells (PBMC) from a subject with acute HIV-1 subtype C infection resulting from heterosexual transmission in Pune, India.</p> <p>Each clone expresses a functional env/rev cassette and can be used to generate pseudotyped infectious virions that use CCR5 as the viral coreceptor. The env-pseudotyped virus is part of a standard panel of reference strains for use in neutralizing antibody assays.</p>
Recommended Storage:	Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.
Contributor:	Dr. R. Paranjape, Dr. S. Kulkarni, Dr. H. Tang and Dr. D. Montefiori
References:	Kulkarni, S. S., et al. "Highly Complex Neutralization Determinants on a Monophyletic Lineage of Newly Transmitted Subtype C HIV-1 Env Clones from India." <i>Virology</i> 385 (2009): 505-20. PubMed: 19167740 .
Citation:	Acknowledgment for publications should read "The following reagent was obtained through the NIH HIV Reagent Program, Division of AIDS, NIAID, NIH: Panel of Human Immunodeficiency Virus Type 1 (HIV-1) Env Molecular Clones, Subtype C Indian, ARP-11672, contributed by Dr. R. Paranjape, Dr. S. Kulkarni, Dr. H. Tang and Dr. D. Montefiori."
Biosafety Level: 1	Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. <i>Biosafety in Microbiological and Biomedical Laboratories</i> , 6th ed. Washington, DC: U.S. Government Printing Office, 2020; see www.cdc.gov/biosafety/publications/bmb15/index.htm .
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