



NIH AIDS Reagent Program

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DATA SHEET

Reagent:	☒ HIV-1 ME1 Virus
Catalog Number:	4155
Lot Number:	098299
Release Category:	B
Provided:	1 mL cell-free virus. TCID ₅₀ = 2×10^7 /mL p24 = 88 ng/mL
Original Source:	Peripheral blood mononuclear cells (PBMC) from a 40-year-old seropositive patient. Strain 367 was obtained during the asymptomatic stage, and strain 828 was obtained after the clinical onset of AIDS. ME1 was derived from the uncloned isolate 367. ME46 (catalog #4156) was derived from isolate 828.
Host Strain:	Human PBMC's
Propagation:	Propagate in PHA-stimulated PBMCs using standard procedures. Additional PHA-stimulated PBMCs should be added weekly. Culture in RPMI 1640 with 20% fetal bovine serum. Virus can be collected starting from day 10-15.
Sterility:	Negative for bacteria, mycoplasma, fungi, and yeast.
Description:	Env subtype B. Utilizes R5.
Special Characteristics:	One of a pair of viruses obtained by molecular cloning from the same individual. The viruses have divergent biological properties. Both preparations can be grown to high titer. GenBank Accession No. U66221.
Recommended Storage:	Liquid nitrogen.

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. Phalguni Gupta.

References: Chen M, Singh MK, Balachandran R, Gupta P. Isolation and characterization of two divergent infectious molecular clones of HIV type 1 longitudinally obtained from a seropositive patient by a progressive amplification procedure. *AIDS Res Hum Retroviruses* **13**:743-750, 1997.

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 ME1 Virus from Dr. Phalguni Gupta." Also include the reference cited above in any publications.

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