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DATA SHEET

Reagent: HIV-1 92TH022.4 gp160 Expression Vector

Catalog Number: 2435

Lot Number: 94047

Release Category: D

Provided: Each clone is provided as either:
• Lot 2- 20 µl (3-5 µg) plasmid DNA in TE buffer. Propagate in JM109.
• Lot 3- 0.3ml glycerol stock of STBL2 transformed with the plasmid (Ampicillin resistance).

Cloning Vector: pCRII

Description: Thai, subtype E. Full length, functional gp160 clone.

Special Characteristics: Envelope genes (gp160 and gp120) were PCR amplified from PBMC-grown HIV-1 isolates obtained from asymptomatic individuals within two years of seroconversion. Amplification products were cloned by T/A overhang. These clones represent HIV-1 subtypes A-E. Cell-free virus from which the clones were derived is also available (see table).

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Recommended Storage: -70°C.

Contributor: Viruses were provided by the WHO network for HIV Isolation and Characterization, and the Division of AIDS, NIAID. Clones were obtained from Dr. Beatrice Hahn, University of Alabama. Questions about the clones should be directed to Dr. Hahn, ph: 201-934-0412, FAX: 205-934-1580.

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:

Gao F, Yue L, Craig S, Thornton CL, Robertson DL, McCutchan FE, Bradac JA, Sharp PM, Hahn BH, WHO Network for HIV Isolation and Characterization. Genetic variation of HIV type 1 in four World Health Organization-sponsored vaccine evaluation sites: generation of functional envelope (glycoprotein 160) clones representative of subtypes A, B, C, and E. *AIDS Res Hum Retroviruses* **10**:1359-1368, 1994.

NOTE:

Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 92TH022.4 gp160 Expression Vector from the WHO Network for HIV isolation and Characterization and Dr. Beatrice Hahn (cat# 2435)." Also include the reference cited above in any publications. **All scientists requesting these clones or their corresponding virus isolates must complete a WHO MTA agreement.**

Research Chart:**gp160 and gp120 Clones from Primary HIV-1 Isolates**

Cat. # (DNA)	Clone	Lot #	Description	Cat. # (Virus)
2430	pBR/92/025-9	2 94042 3 99050	Brazilian, subtype C. Full length, functional gp160 clone.	1777
2431	pUG/92/037-8	2 94943 3 99051	Ugandan, subtype A. Full length, functional gp160 clone.	1743
2432	pUG/92/031-4	2 94044	Ugandan, subtype A. Full length gp160 clone, multiply defective.	1741
2433	pUG/92/021-9	2 94045	Ugandan, subtype D. Full length gp120 clone.	1648
2434	pTHA/92/026-6	2 94946	Thai, subtype B. Full length gp120 clone.	1693
2435	pTHA/92/022-4	2 94047	Thai, subtype E. Full length, functional gp160 clone.	1690
2436	pTHA/92/014-12	2 94048	Thai, subtype B. Full length, functional gp160 clone.	1658
2437	pTHA/92/006-5	2 94049	Thai, subtype E. full length gp160 clone, defective (premature gp41 truncation).	1654
2438	pRW/92/020-5	2 94050	Rwandan, subtype A. Full length, functional gp160 clone.	1749
2439	pRW/92/009-14	2 94051	Rwandan, subtype A. Full length gp120 clone.	1747
2440	pBR/92/020-4	2 94052	Brazilian, subtype B. Full length, functional gp160 clone.	1780
2441	pBR/92/014-1	2 94053	Brazilian, subtype B. Full length gp120 clone.	1753

Required Form: UNAIDS_MTA.pdf

Last Updated: August 01, 2018

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