



NIH AIDS Reagent Program

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DATA SHEET

Reagent: ☒ HIV-1 CAM0013BBY (02CM_0013BBY) Virus

Catalog Number: 11280

Lot Number: 100070

Release Category: C

Provided: 1 mL cell-free virus, 1.26×10^4 TCID₅₀/mL, 100 ng/mL p24.

Host Strain: Human PBMCs

Propagation: Propagated in PHA-stimulated PMBC, followed by growth in IL-2 containing medium.

Sterility: Negative for mycoplasma, bacteria and fungi

Description: A group M, subtype CRF02_AG, primary HIV-1 isolate which utilizes R5 co-receptors to infect cells.
This isolate is available individually, or as part of the HIV-1 60 International Isolate Panel (Cat #11412).
[Table I. HIV-1 International Panel of HIV-1 Isolates.](#)

Special Characteristics: Syncytium Induction: NSI
GenBank Accession No. [AY371125](#)

Recommended Storage: Liquid nitrogen

Contributor: Dr. Victoria Polonis

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:** Brown, B. K., Darden, J. M., Tovanabutra, S., Oblander, T., Frost, J., Sanders-Buell, E., . . . Polonis, V. R. (2005). Biologic and genetic characterization of a panel of 60 human immunodeficiency virus type 1 isolates, representing clades A, B, C, D, CRF01_AE, and CRF02_AG, for the development and assessment of candidate vaccines. *J Virol*, 79(10), 6089-6101. doi:10.1128/JVI.79.10.6089-6101.2005 [PUBMED](#)
- Kijak, G. H., Sanders-Buell, E., Wolfe, N. D., Mpoudi-Ngole, E., Kim, B., Brown, B., . . . McCutchan, F. E. (2004). Development and application of a high-throughput HIV type 1 genotyping assay to identify CRF02_AG in West/West Central Africa. *AIDS Res Hum Retroviruses*, 20(5), 521-530. doi:10.1089/088922204323087778 [PUBMED](#)

NOTE: Acknowledgment for publications should read "The following reagent was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH: HIV-1 CAM0013BBY(Cat# 11280) from Dr. Victoria Polonis." Also include the reference cited above in any publications.

Scientists at for-profit institutions or who intend commercial use of Release Category C Reagents, must contact Dr. Victoria R. Polonis, Walter Reed Army Institute of Research, 13 Taft Court, Rockville, MD 20850, Tel: 301-251-8308, Fax: 301-762-4177, email: vpolonis@hivresearch.org before reagent(s) can be released.

Last Updated: February 04, 2019

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