



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** pZM249M

**Catalog Number:** 12416

**Lot Number:** 130370

**Release Category:** C

**Provided:** 5 µg of dried purified DNA stabilized in DNASTable *PLUS*

**Cloning Vector:** pCR-XL-TOPO  
Kanamycin resistant

**Cloning Site:** MluI/NotI cloning site

**Host Strain:** Stbl-2

**Description:** Full-length molecular clone of replication-competent HIV-1 subtype C provirus generated from single genome amplification-derived consensus sequence of transmitted/founder virus.

**Special Characteristics:** [Contributor provided sequence information](#)  
[Plasmid map and sequence file lot 130370](#)  
This reagent is currently being provided as dried purified DNA stabilized in DNASTable *PLUS*. Please see the notice for additional information and the protocol for reconstitution of dried DNA reagents. [Dried DNA Notice](#)

**Recommended Storage:** Keep the reagent at room temperature in a dry storage cabinet or in a moisture barrier bag.

**Contributor:** Dr. Beatrice Hahn

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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:**

1. Salazar-Gonzalez F, M. Salazar, B.F. Keele, G.H. Learn, J.M. Decker, S. Wang, J. Baalwe, M. Kraus, B. Guffey, C. Ochsenbauer, J.C. Kappes, M. Saag, et al. HIV-1 Sequences in Acute and Early Infection Reveal the Genetic Identity, Biological Phenotype, and Precise Evolutionary Pathways of Transmitted/Founder Viruses and Their Progeny. *J. Exp. Med.* 206:1273, 2009.
2. Parrish NF, Gao F, Li H, Giorgi EE, Barbian HJ, Parrish EH, Zajic L, Iyer SS, Decker JM, Kumar A, Hora B, Berg A, Cai F, Hopper J, Denny TN, Ding H, Ochsenbauer C, Kappes JC, Galimidi RP, West AP Jr, Bjorkman PJ, Wilen CB, Doms RW, O'Brien M, Bhardwaj N, Borrow P, Haynes BF, Muldoon M, Theiler JP, Korber B, Shaw GM, Hahn BH. Phenotypic properties of transmitted founder HIV-1. *Proc Natl Acad Sci U S A.* 2013 Apr 23;110(17):6626-33. doi: 10.1073/pnas.1304288110. Epub 2013 Mar 29.

**NOTE:**

Acknowledgment for publications should read "pZM249M cat#12416 was obtained through the NIH AIDS Reagent Program, Division of AIDS, NIAID, NIH from Dr. Beatrice Hahn." Also include the reference cited above in any publications. Scientists at for-profit institutions or who intend commercial use of this reagent must contact Matthew Merz at the University of Pennsylvania, Office of Research Services, Franklin Building, Room P221, 3451 Walnut Street, Philadelphia, PA 19104-6205, 215-573-4505, [rmmerz@pobox.upenn.edu](mailto:rmmerz@pobox.upenn.edu).

**Last Updated:**

January 23, 2018

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