



## NIH AIDS Reagent Program

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### DATA SHEET

**Reagent:** ☒ Mycobacterium smegmatis mc<sup>2</sup>155

**Catalog Number:** 2195

**Lot Number:** 1

**Release Category:** E

**Provided:** 1 vial mycobacterium in M-ADC-TW broth.

**Description:** This M. smegmatis clone transforms at high efficiencies, and is an excellent phage host (Snapper et al.).

**Special Characteristics:** Can serve as a host for the luciferase reporter phage phAE40 (Catalog #2196).

**Contributor:** Dr. William Jacobs.

**References:** Jacobs WR Jr, Barletta RG, Udani R, Chan J, Kalkut G, Sosne G, Keiser T, Sarkis GJ, Hatfull GF, Bloom BR. Rapid assessment of drug susceptibilities of Mycobacterium tuberculosis by means of luciferase reporter phages. *Science* **260**:819-822, 1993.

Snapper SB, Melton RE, Mustafa S, Klesser T, Jacobs WR Jr. Isolation and characterizat on of efficient plasmid transformation mutants of Mycobacterium smegmatis. *Mol Microbiol* **4**:1911-1919, 1990.

**NOTE:** Available only for non-commercial use. Patent applications have been filed and issued on this reagent. Requests from commercial organizations should be directed to Dr. Sidney Goldfischer, Office of Industrial Liason, Albert Einstein College of Medicine, Bronx, NY 10461, and Dr. Yeshayahu Yakir, Sargon Diagnostics Ltd., Science Basic Industrial Zone, PO Box 900, Beer-Sheva, 84106 Israel.

**Last Updated:** June 21, 2013

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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.

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