

Genomic DNA from *Trypanosoma cruzi*, Strain Dm28c

Catalog No. NR-50236

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was extracted from *Trypanosoma cruzi* (*T. cruzi*), strain Dm28c. Strain Dm28c is a clone derived from *T. cruzi*, strain Dm28.¹⁻³ Strain Dm28 was isolated in 1984 from an opossum (*Didelphis marsupialis*) in Carabobo, Venezuela.¹⁻³

NR-50236 has been qualified for PCR applications by amplification of approximately 800 base pairs of the putative C-5 sterol desaturase gene (*SC5D*).

Material Provided:

Each vial of NR-50236 contains 1 µg to 3 µg of genomic DNA in buffer. Please refer to the Certificate of Analysis for the specific buffer used for each lot. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-50236 was packaged aseptically, in screw-capped plastic cryovials. The product is provided frozen and should be stored at -20°C or colder upon arrival. Freeze-thaw cycles should be minimized.

Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Genomic DNA from *Trypanosoma cruzi*, Strain Dm28c, NR-50236."

Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

Disclaimers:

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References:

1. Zingales, B., et al. "A New Consensus for *Trypanosoma cruzi* Intraspecific Nomenclature: Second Revision Meeting Recommends TcI to TcVI." Mem. Inst. Oswaldo Cruz 104 (2009): 1051-1054. PubMed: 20027478.
2. Buck, G., Personal Communication.
3. Goldenberg, S., et al. "Facts and Hypothesis on *Trypanosoma cruzi* Differentiation." Mem. Inst. Oswaldo Cruz 79 (1984): 39-44.

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