

Genomic DNA from *Trypanosoma brucei* subsp. *rhodesiense*, Strain KETRI 243 (*in vitro* procyclic form)

Catalog No. NR-49828

For research use only. Not for human use.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Genomic DNA was isolated from *Trypanosoma brucei* subsp. *rhodesiense*, strain KETRI 243 (*in vitro* procyclic form; available as BEI Resources NR-49827). The bloodstream form of strain KETRI 243 (available as BEI Resources NR-46431) was originally isolated in Busoga, Uganda, in 1961.¹ The bloodstream form was harvested from the blood of infected BALB/c mice and adapted to cell culture by BEI Resources and extracted to produce NR-49828.

NR-49828 has been qualified for PCR applications by amplification of approximately 1300 base pairs of the large subunit ribosomal RNA sequence.

Material Provided:

Each vial of NR-49828 contains approximately 8 µg of genomic DNA in 10 mM Tris-HCl, 0.5 mM EDTA, pH 9. The vial should be centrifuged prior to opening.

Packaging/Storage:

NR-49828 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 brucei* subsp. *rhodesiense*, Strain KETRI 243 (*in vitro* procyclic form), NR-49828."

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](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm). 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see www.cdc.gov/biosafety/publications/bmbl5/index.htm.

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References:

1. Bacchi, C. J., et al. "Differential Susceptibility to DL-α-Difluoromethylornithine in Clinical Isolates of *Trypanosoma brucei rhodesiense*." [Antimicrob. Agents Chemother.](https://pubmed.ncbi.nlm.nih.gov/2118325/) 34 (1990): 1183-1188. PubMed: 2118325.

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