

**Genomic DNA from *Trypanosoma brucei* subsp. *brucei*, Strain STIB 247 (in vitro procyclic form)**

**Catalog No. NR-49829**

**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. *brucei*, strain STIB 247 (in vitro procyclic form; available as BEI Resources NR-44388). The bloodstream form of strain STIB 247 (available as BEI Resources NR-36197) was originally isolated from a hartebeest in Serengeti National Park, Serengeti, Tanzania, in 1971 and prior to freezing, was passaged in rats for an unknown number of days.<sup>1,2</sup> 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-49829.

NR-49829 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-49829 contains approximately 3 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-49829 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. *brucei*, Strain STIB 247 (in vitro procyclic form), NR-49829."

**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/bmbi5/index.htm](http://www.cdc.gov/biosafety/publications/bmbi5/index.htm).

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**References:**

1. Geigy, R. and M. Kauffmann. "Sleeping Sickness Survey in the Serengeti Area (Tanzania) 1971. I. Examination of Large Mammals for Trypanosomes." Acta Trop. 30 (1973): 12-23. PubMed: 4144952.
2. <http://tryps.rockefeller.edu>

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