



Trypanosoma congolense Broden

30018™

Description

Strain designation: Wellcome FN

Deposited As: *Trypanosoma congolense* Broden

Type strain: No

Storage Conditions

Product format: Frozen

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 2

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always

used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Host:

in vivo, laboratory rat

Handling Procedures

Culture maintenance:

This culture is shipped in frozen rat blood. Inject 0.2 ml samples of the thawed fluid intraperitoneally into adult rats known to be free of other blood parasites. Draw a drop of blood from the tail of an infected rat. Add 1.0 ml of mammalian saline (0.8% saline buffered to pH 7.0) to the blood and examine a small amount microscopically. If one or more parasites are seen, proceed as follows: collect parasites into a syringe containing a buffered anticoagulant by either cardiac puncture or from the tail vein of the infected animal. Inoculate

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0.2 ml of the diluted blood intraperitoneally into an adult rat known to be free of other blood parasites. Repeat the above procedures approximately every 4 days.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: *Trypanosoma congolense* Broden (ATCC 30018)

References

References and other information relating to this material are available at www.atcc.org.

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