Trypanosoma lewisi
(ATCC® 30085™)

Strain Designation: New Orleans-67
Deposited Name: Trypanosoma lewisi (Kent) Laveran and Mesnil
Depositor: RG Yaeger
Isolation: rat, Rattus norvegicus, New Orleans, 1967

Growth Conditions
Duration: in vivo, laboratory rat
Protocol: ATCCNO: 30085 SPEC: Inject the entire thawed contents of the ampule intraperitoneally into an adult rat known to be free of blood parasites. The strain should be monitored, especially after infecting with thawed material. To infect additional rats, draw a drop of tail blood into a 1.0 ml tuberculin syringe containing 0.5 ml of sterile buffered anticoagulant, mix, and inoculate 0.1-0.2 ml of the suspension intraperitoneally/rat. Only a few trypanosomes are needed to infect a non-immune rat. However, do not wait until the blood is swarming with trypanosomes. The time for peak parasitemia may be within 4-5 days if large inocula are given. Peak parasitemia from the thawed material may be slightly sooner or later.

Culture Maintenance
This culture is shipped in frozen rat blood. Inject the entire thawed contents of the ampule intraperitoneally into an adult rat known to be free of blood parasites. The strain should be monitored, especially after infecting with thawed material. To infect additional rats, draw a drop of tail blood into a 1.0 ml tuberculin syringe containing 0.5 ml of sterile buffered anticoagulant, mix, and inoculate 0.1-0.2 ml of the suspension intraperitoneally/rat. Only a few trypanosomes are needed to infect a non-immune rat. However, do not wait until the blood is swarming with trypanosomes. The time for peak parasitemia may be within 4-5 days if large inocula are given. Peak parasitemia from the thawed material may be slightly sooner or later.

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

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the Biosafety in Microbiological and Biomedical Laboratories from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

ATCC Warranty
The viability of ATCC® products is warranted for 30 days from the date of shipment, and is valid only if the product is stored and cultured according to the information included on this product information sheet. ATCC lists the media formulation that has been found to be effective for this strain. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this strain. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

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This product is intended for laboratory research purposes only. It is not intended for use in humans.

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Additional information on this culture is available on the ATCC web site at www.atcc.org.

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