



# Genomic DNA from *Thermotoga neapolitana* strain NS-E

49049D™

## Description

Genomic DNA isolated from *Thermotoga neapolitana*. This bacterial strain is also available as ATCC 49049.

**Organism:** *Thermotoga neapolitana* Jannasch et al.

**Derived from:** *Thermotoga neapolitana* NS-E [DSM 4359] (ATCC 49049)

**Genome sequenced strain:** Yes

**Type strain:** Yes

**Mass:** 50 ng

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -20°C or colder

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## 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.

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## BSL 1

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

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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.

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### Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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### Handling Procedures

1. Thaw the vial at room temperature and immediately place on ice. Avoid exposing the DNA to repeated freeze-thaw cycles as it may result in degradation of the DNA.
  2. Gently mix the sample to ensure an even distribution of material.
  3. Briefly centrifuge the tube before opening to ensure all liquid is at the bottom.
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### Quality Control Specifications

**Electrophoresis - RNA content:** No RNA was detected by electrophoresis

**Integrity:** Integrity of DNA was determined by electrophoresis on a 1% agarose gel stained with ethidium bromide, and was found to be intact and of high molecular weight.

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### Notes

Genomic DNA is appropriate for PCR and other molecular biology applications.

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### Material Citation

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If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Thermotoga neapolitana* strain NS-E (ATCC 49049D)

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### References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Contact Information

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