



NGS-Ready DNA from *Lactobacillus acidophilus* strain Scav

4356DX™

Description

NGS-ready DNA extracted from *Lactobacillus acidophilus*, strain Scav [ATCC® 4356™].

Organism: *Lactobacillus acidophilus* (Moro) Hansen and Møcquot

Derived from: *Lactobacillus acidophilus* Scav [IFO 13951, M. Rogosa 210X, NCIB 8690, P.A. Hansen L 917] (ATCC 4356)

Genome sequenced strain: Yes

Type strain: Yes

Mass: 10 µg

Shipping information: DNA in 10 mM Tris-HCl buffer, pH 8.5

Fragment size ≥ 20 kb

Storage Conditions

Product format: Frozen

Storage conditions: -20°C or colder

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 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.

Certificate of Analysis

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

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. If the complete vial will not be used for your application, aliquoting is highly recommended to avoid multiple freeze-thaws.
 2. Gently mix the sample to ensure an even distribution of material. Avoid vortex use and repeat pipetting to maintain DNA.
 3. Briefly centrifuge the tube before opening to ensure all liquid is at the bottom.
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Quality Control Specifications

Electrophoresis - molecular weight: ≥ 20 kilobase pairs

Total amount: Total DNA by PicoGreen[®] measurement: ≥ 10 μg

Functional tests: Functional activity confirmed by whole-genome sequencing

Identity: Identity confirmed by data analyses performed using ONE CODEX[®].

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Notes

Sequence produced from this product is available through the ATCC® Genome Portal (genomes.atcc.org).

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: NGS-Ready DNA from *Lactobacillus acidophilus* strain Scav (ATCC 4356DX)

References

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

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Product Sheet

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