Genomic DNA from *Lachancea waltii* strain UCD 72-13

56500D-5™

Description

Organism: *Lachancea waltii* (Kodama) Kurtzman
Derived from: *Lachancea waltii* UCD 72-13 [CBS 6430, CCRC 22066, DBVPG 6233, IFO 1666, NCYC 2644, NRRL Y-8285] (ATCC 56500)
Genome sequenced strain: Yes
Type strain: No
Mass: 5 µg
Shipping information: Stored in 1X TE buffer

Storage Conditions

Product format: Freeze-dried

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 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

Centrifuge tube prior to opening to prevent loss of pelleted material

1. Rehydrate the contents of vial with molecular grade water. DNA was dried in 1X Tris buffer.
2. Place vial at 37 °C for 1 hour or at +2°C to 8°C overnight.
3. For more complete rehydration and to fully recover DNA incubate the sample overnight at 4°C while rocking, then incubate for 1 hour at 65°C. Re-suspending the dried DNA in ≥ 250 µL may give better results.

Quality Control Specifications

Electrophoresis - RNA content: No RNA was detected by electrophoresis
Purity (A260/A280): 1.7 to 2.1
Integrity: Integrity of DNA was determined by electrophoresis on a 1% agarose gel stained with SYBR Safe™, and was found to be of high molecular weight.
Functional tests: Functional activity was confirmed by PCR amplification of approximately 1500 base pairs fragment of rRNA gene cluster including ITS1-5.8S-ITS2 region.
Identity: Identity confirmed by sequencing of ITS1, 5.8S rRNA gene and ITS2 regions of ribosomal RNA (~ 500 base pairs).

Notes

This preparation of high molecular weight DNA is appropriate for the use in the polymerase chain reaction (PCR) process and other molecular biology applications.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Lachancea waltii* strain UCD 72-13 (ATCC 56500D-5)

References

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

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Revision

This information on this document was last updated on 2024-10-24

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