



Genomic DNA from *Neurospora crassa* strain FGSC 9013 [OR74A, N150]

MYA-4619D-2™

Description

Genomic DNA isolated from *Neurospora crassa* FGSC 9013 [OR74A, N150]. This fungal strain is also available as ATCC® Catalog No.: MYA-4619™.

Organism: *Neurospora crassa* strain FGSC 9013 [OR74A, N150]

Depositor: FGSC

Organism: *Neurospora crassa* Shear et Dodge

Derived from: *Neurospora crassa* FGSC 9013 [OR74A, N150] (ATCC MYA-4619)

Genome sequenced strain: Yes

Type strain: No

Mass: 2 µg

Shipping information: Stored in 1X TE buffer

Storage Conditions

Product format: 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.

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Biosafety Level 1

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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.

Quality Control Specifications

Electrophoresis - RNA content: No RNA was detected by electrophoresis

Purity (A260/A280): 1.7 to 2.0

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 gene and ITS2 regions of ribosomal RNA (~ 500 base pairs).

Notes

Genomic DNA isolated from fungi is appropriate for PCR* and other molecular biology applications.

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*The polymerase chain reaction (PCR) process is covered by patents owned by Hoffmann-LaRoche Inc. Use of the PCR process requires a license.

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Neurospora crassa* strain FGSC 9013 [OR74A, N150] (ATCC MYA-4619D-2)

References

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

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Fax number: 703-365-2701

Email: tech@atcc.org or contact your local distributor
