



# Genomic DNA from *Aspergillus fumigatus* strain CBS 101355 [AF 293]

MYA-4609D-5™

## Description

Genomic DNA/RNA isolated from *Aspergillus fumigatus* strain CBS 101355. This bacterial strain is also available as ATCC Catalog No.: MYA-4609™.

**Organism:** *Aspergillus fumigatus* Fresenius

**Derived from:** *Aspergillus fumigatus* CBS 101355 [AF 293] (ATCC MYA-4609)

**Genome sequenced strain:** Yes

**Type strain:** No

**Mass:** 5 µg

**Shipping information:** Shipped in 1X TE buffer

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## Storage Conditions

**Product format:** Freeze-dried

**Storage conditions:** 2°C to 8°C

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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 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

Centrifuge tube prior to opening to prevent loss of pelleted material

1. Rehydrate contents of vial with molecular grade H<sub>2</sub>O.
  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. Resuspending the dried DNA in ≥250 µL may give better results.
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## Quality Control Specifications

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

**Total amount:** Concentration by PicoGreen<sup>®</sup> measurement was found to be approximately 5 µg.

**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

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weight.

**Functional tests:** Functional activity was confirmed by PCR amplification of approximately 1500 base pairs fragment of rRNA gene cluster including ITS15.8S-ITS2 region.

**Identity:** Identity confirmed by sequencing of ITS1, 5.8S gene and ITS2 regions of ribosomal RNA (~ 500 base pairs).

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## 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.

\*the PCR process is covered by patents owned by Hoffmann-La Roche Inc. Use of the PCR process requires a license.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Genomic DNA from *Aspegillus fumigatus* strain CBS 101355 [AF 293] (ATCC MYA-4609D-5)

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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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The product is provided 'AS IS' and the viability of ATCC® products is warranted for 30 days from the date of shipment, provided that the customer has stored and handled the product according to the information

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Product Sheet

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