



***Rhizopus microsporus* Z056, Genomic DNA**

Part Number: 0801755DNA-1µg

**FOR RESEARCH USE ONLY
Not for *in vitro* Diagnostic Use**

Product Description

Each aliquot contains 1 µg of DNA extracted from a pure culture of *Rhizopus microsporus*. The identification of this organism was confirmed by sequencing the ribosomal DNA locus. The purity of the culture was monitored by Lactophenol Cotton Blue staining, Gram staining and by additional culturing. The DNA was extracted from the cells following a custom protocol utilizing a FastPrep®-24 and Qiagen® QIAamp DNA Mini Kit protocols and reagents. This control is supplied in TE Buffer and should be frozen at -20°C or below. DNA concentration and 260/280 ratios are determined using a NanoDrop ND-1000®. The extracted DNA also tested positive on an in-house real time PCR assay.

Intended Use

Purified Genomic DNA is designed for use as an amplification and/or detection control for nucleic acid testing of *R. microsporus*. It can also be used to determine a limit of detection (LOD), in diagnostic assay development, cross-reactivity studies or genomic sequencing. Controls should be run using the same protocols as those used to amplify extracted clinical specimens.

Precautions

- Use Universal Precautions when handling Genomic DNA.
- The material may be re-frozen after thawing. Repetitive freezing and thawing is not recommended (aliquot material if necessary).
- To avoid cross-contamination, use separate pipette tips for all reagents.

DO NOT USE IN HUMANS OR AS A CLINICAL DIAGNOSTIC.

These products are intended for research, product development or manufacturing use only. These products are NOT intended for use in the manufacture or processing of injectable products subject to licensure under section 351 of the Public Health Service Act or for any other product intended for administration to humans.



This product was manufactured in a facility whose Quality Management System is certified as being in compliance with ISO 9001:2008 and ISO 13485:2003 standards.

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