



***Candida krusei*, DNA (1 µg)**

Catalog #: 0801536DNA-1µg

PRODUCT DESCRIPTION:

Each aliquot contains 1 µg of DNA extracted from a pure culture of *Candida krusei*. The identification of this organism was confirmed by rDNA sequencing. The purity of the culture was monitored by additional culturing and Gram staining to detect any contaminating bacteria. The DNA was extracted from the cells following a protocol based on the yeast protocol provided in the Qiagen® Genomic DNA Handbook and using Qiagen® Genomic DNA Buffers with a 500/G genomic tip. 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 *Candida krusei*. It can also be used to determine a limit of detection (LOD), in diagnostic assay development, cross-reactivity studies or genomic sequencing. When used as a control for nucleic acid tests, the same protocols as those used to amplify extracted clinical specimens should be employed.

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.

RECOMMENDED STORAGE:

This control is supplied in TE Buffer and should be frozen at -20°C or below.

DO NOT USE IN HUMANS:

These products are intended for research, product development, quality assurance or manufacturing use. 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.

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This product was manufactured in a facility which has a Quality Management System that is certified as being in compliance with ISO 13485.

PI0801536DNA-1µg
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For Research Use Only

ZeptoMetrix Corporation
872 Main Street
Buffalo, New York 14202
Phone: 716-882-0920
Fax: 716-882-0959
Customer Service: 800-274-5487
www.zeptometrix.com