ZeptoMetrix CORPORATION

T. fuciformis-S. cerevisiae Recombinant W303-Tfu, Genomic DNA

Part Number: 0801802DNA-1µg

Part Numbers of Related Products:
Live, Titered Organism: 0801802
Titered, Fixed Cells: 0801802F

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 a recombinant strain of *Saccharomyces cerevisiae*. A gene specific to *Tremella fuciformis* was inserted into the *S. cerevisiae* genome using standard recombinant techniques. *S. cerevisiae* was confirmed by rDNA sequencing. The insert was detected with a specific in-house real-time PCR assay. 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 the bacterial protocol from the Qiagen® Genomic DNA Handbook using Qiagen® Genomic DNA Buffers with a 500/G or a 100/G genomic tip. 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®.

Intended Use*

Purified Genomic DNA is designed for use as an amplification and/or detection control for nucleic acid testing of *T. fuciformis*. 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.

*This control is intended to **only** be used with an assay from Luminex Molecular Diagnostics.

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 which has a Quality Management System that is certified as being in compliance with ISO 13485.

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