



T. fuciformis-S.cerevisiae **Recombinant, Titered**

Part Number: 0801802

Part Numbers of Related Products:

Genomic DNA: 0801802DNA-1µg

Titered, Fixed Cells: 0801802F

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

Product Description

Each frozen aliquot contains 1 mL of a pure, titered culture of a recombinant strain of *Saccharomyces cerevisiae*. A gene specific to *Tremella fuciformis* was inserted into *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 titer was performed on one aliquot after freezing. The freezing medium contains 15% glycerol as a cryoprotectant. Please see the Certificate of Analysis for the specific freezing medium used. This material should be frozen at -65°C or below.

Intended Use*

Live, titered microorganisms can be used to determine a limit of detection (LOD), in diagnostic assay development or cross-reactivity studies. 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.

Biosafety

S. cerevisiae is a biosafety level 1 microorganism and should be used within the confines of a Biological Safety cabinet. Please consult your institution's regulations regarding the use of this organism. For a detailed discussion on biological safety see the 5th edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL), published by the CDC at <http://www.cdc.gov/biosafety/publications/bmbl5/index.htm>.

Precautions

- Use Universal Precautions, this organism is **potentially biohazardous**.
- Repetitive freezing and thawing is not recommended (aliquot material if necessary). Titer will be altered by a single freeze-thaw.
- 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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