

MicroSeq D2 LSU rDNA Fungal PCR Kit

Product No. **4349153**
Lot No. **2401132**
Date of Manufacture **06FEB2024**
Expiration Date **06FEB2025**

TEST	SPECIFICATION	RESULT
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POSITIVE PCR AMPLIFICATION TEST

Correct amplification of a 292 bp DNA fragment using 15 ng per 30 uL PCR reaction of total *Saccharomyces cerevisiae* genomic DNA (positive control) is verified by sequencing of this fragment with the following results:

The combined forward and reverse sequencing accuracy is at least 99.5 %	> = 99.5 %	100.0 %
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The combined forward and reverse sequencing clear read is at least 276 base pairs.	> = 276 bp	422 bp
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NEGATIVE PCR AMPLIFICATION TEST

No match is found on combined forward and reverse sequencing of the PCR product generated when using negative control water (instead of <i>Saccharomyces cerevisiae</i> genomic DNA), indicating that the kit components are free of contamination.		Pass
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PHYSICAL INSPECTION

Correct label and lot number.		Pass
Caps are tight with no signs of leakage.		Pass

For Research Use Only. Not for use in diagnostic procedures.

**Manufactured in compliance with our ISO 13485 certified quality management system.
Site: Warrington, UK**

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**Quality Assurance
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