The range qPCR kit for the detection of clinically relevant Candida species

Developing the future of fungal diagnostics

olfm diagnostics

AspDx CandDx PneumDx

qPCR kit for the detection of clinically relevant Candida species

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Invasive Candidiasis is the most common fungal disease among hospitalised patients in the developed world, with candidaemia often cited as the fourth most common bloodstream infection within intensive care units. **CandID®** is a multiplex qPCR test designed to detect genomic DNA of 6 commonly isolated Candida species; *C. albicans*, *C. glabrata* and *C. parapsilosis*, *C. krusei*, *C. dubliniensis* and *C. tropicalis*.

**CandID®** is being targeted for use as an aid in the assessment and evaluation of patients with suspected Candida infection.

**Features and benefits**
- Direct detection in clinical nucleic acid extracts
- **Results within 45 minutes** of nucleic acid extraction
- Internal extraction control (IEC) included
- Positive control included
- 'Ready to use' reagents – no resuspension/dilution steps required
- Suitable for real-time PCR instruments
- From DNA extract to PCR result in **4 simple steps**

**Performance characteristics**
- Under optimal PCR conditions the primers in OLM's **CandID®** kits result in **amplification efficiencies of >90%**
- Broad dynamic detection range of at least **six orders of magnitude**
- Sensitive to <1 *Candida* genome

**Kit contents**
- Primer/Probe mix
- qPCR master mix
- RNase/DNase-free water
- Positive Control
- IEC template

**Targets**
- *Candida albicans*
- *Candida glabrata*
- *Candida parapsilosis*
- *Candida krusei*
- *Candida dubliniensis*
- *Candida tropicalis*
- IEC

**Validation**
- Validated on fungal cultures
- Scored 100% in the QCMD 2017 Candida spp EQA Programme

**Quality assurance**
**CandID®** was developed, optimised and validated in strict compliance with the MIQE guidelines and is suitable for real-time PCR instruments, using hydrolysis probe detection chemistry.

**OLM’s promise to you;**
- Assays professionally designed by an expert
- Assays scientifically validated in our laboratory
- Guaranteed high quality reagents
- Exceptional value for money