The AspDx range

AspID®

A multiplex PCR kit for the detection of *Aspergillus* species

Developing the future of fungal diagnostics

AspDx CandDx PneumDx

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OLM-002-04-2018

*Asp*ID®

(Code OLM2006)

***Asp*ID®** is a multiplex qPCR test designed to detect genomic DNA of clinically relevant *Aspergillus* species. ***Asp*ID®** rapidly detects *Aspergillus* species within 90 minutes of nucleic acid extraction, including specific detection of *A. terreus*, a fungus that is intrinsically resistant to amphotericin B.

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

*Asp*ID®

- **50 reactions**
- Detection of *Aspergillus* species
- Differentiation of *A. terreus*

Rapid diagnostics
Test results within
90 minutes

Kit contents

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

Targets

- *Aspergillus* species
- *Aspergillus* terreus
- IEC

Validation

- Validated on fungal cultures
- Validated on clinical broncho-alveolar lavage fluid samples
- Validated on extracts from clinically relevant matrices (BAL and serum)
- Validated on AsTeC *Aspergillus* calibrator material
- Scored 100% with the QCMD 2017 *Aspergillus* spp (DNA) EQA Programme

Features and benefits

- Direct detection on clinical nucleic acid extracts
- **Results within 90 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 ***Asp*ID®** kits result in **amplification efficiencies of >90%**
- Broad dynamic detection range of at least **six orders of magnitude**
- Sensitive to <10 copies of *Aspergillus* target template (equivalent to **<1 fungal genome**)

Quality assurance

***Asp*ID®** 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