The AspDx range

AspID®

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

CE IVD

olm diagnostics

*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

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

Bibliography

Prattes J, Hoenigl M, Zinke SE, Heldt S, Eigl S, Johnson GL, Bustin S, Stelzl E, Kessler HH. (2018). Evaluation of the new AspID polymerase chain reaction assay for detection of Aspergillus species: A pilot study. Mycoses 61(6):355-359.

Developing the future of fungal diagnostics

AspDx CandDx PneumDx

OLM diagnostics

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