

# MucorGenius®

Multiplex real-time PCR kit

Detection of clinically relevant  
Mucorales species.



## Features & benefits

- Aids in the diagnosis of mucormycosis
- The only commercial real-time PCR kit available
- Direct detection in BAL samples
- Sample-to-result in less than 3 hours
- Detection of clinically relevant species:
  - *Rhizopus* spp.
  - *Mucor* spp.
  - *Rhizomucor* spp.
  - *Lichtheimia* spp.
  - *Cunninghamella* spp.
- High diagnostic value resulting in adapted patient management and therapeutic decisions
- Can be used in parallel with the AsperGenius® PCR kit (same protocol)

PathoNostics®

# Products & targets

## Product

### **PN-700 MucorGenius® multiplex kit (25 rxn)**

## Targets

- Pan-Mucorales
  - *Rhizopus* spp.
  - *Mucor* spp.
  - *Lichtheimia* spp.
  - *Cunninghamella* spp.
  - *Rhizomucor* spp.
- Internal Control (IC)

## Real-time PCR instruments (validated)

- LC480 II (Roche)
- Rotor-Gene Q (Qiagen)
- CFX96 (Biorad)
- Quantstudio 5 (Thermo Fisher Scientific)
- Mic qPCR cyclers (Bio Molecular Systems)

## Samples

- Bronchoalveolar lavage (BAL)
- Biopsy samples, paraffin embedded (FFPE)
- Serum samples

## Quality

- Validated on clinical samples
- Internal Control (IC) included
- Positive Controls (PCs) included
- Validated on Fungal PCR Initiative panel

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