

The *Pneum*Dx[®]
range

Developing the future of
fungal diagnostics

*Asp*Dx[®] *Cand*Dx[®] *Pneum*Dx[®]

OLM[®]
diagnostics

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 *Pneum*ID[®]

qPCR kit for the detection of
Pneumocystis jirovecii

CE IVD

OLM[®]
diagnostics

PneumID®

Pneumocystis jirovecii is a common cause of life-threatening pneumonia in individuals with impaired immune systems. **PneumID®** is a multiplex qPCR test designed to detect genomic DNA of *Pneumocystis jirovecii* from human respiratory samples within 45 minutes of DNA extraction.

PneumID® is being targeted for use as an aid in the diagnosis of respiratory infections caused by *Pneumocystis jirovecii*.

PneumID®

- 50 reactions
- Detection of *Pneumocystis jirovecii*
- Detection of human β -globin gene



Rapid diagnostics
Test results within
45 minutes

Kit contents

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

Now available with quantification standards (copy numbers/ml).
Email info@olmdiagnosics.com for more information

Targets

- *Pneumocystis jirovecii*
- Human β -globin gene
- IEC

Validation

- Validated on DNA extracts from confirmed clinical *Pneumocystis jirovecii* Pneumonia (PCP) cases
- Scored 100% with the *Pneumocystis jirovecii* pneumonia (PCP) DNA EQA Programme

Features and benefits

- Direct detection in clinical nucleic acid extracts
- **Results within 45 minutes** of nucleic acid extraction
- **Internal extraction control (IEC)** included
- Human β -globin gene detection assay included as an endogenous internal control (IC) for assessment of specimen quality and nucleic acid extraction
- The only commercial *Pneumocystis* qPCR assay to include simultaneous detection of both *Pneumocystis* and a human DNA target from a respiratory sample extract
- 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 **PneumID®** kits result in **amplification efficiencies of >90%**
- Broad dynamic detection range of at least **six orders of magnitude**
- Sensitive to a single *Pneumocystis* genome

Quality assurance

PneumID® 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

