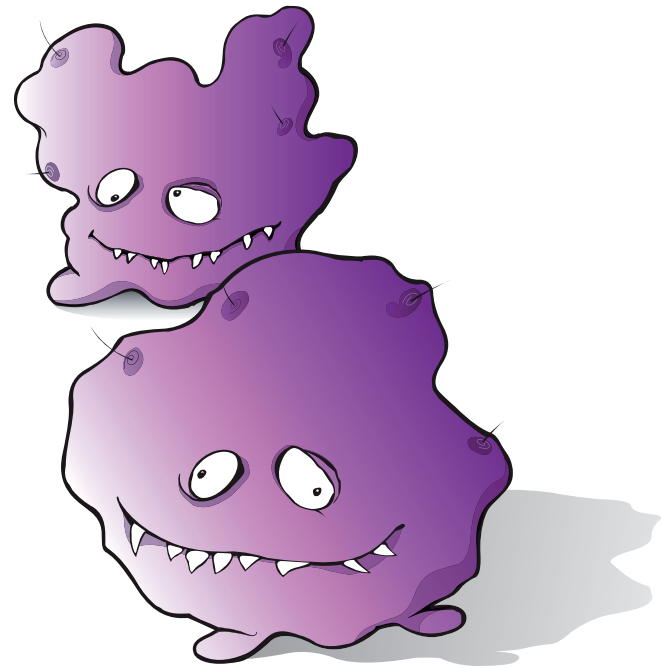


MycAssay™

Pneumocystis

Rapid detection of
Pneumocystis DNA from
lower respiratory tract
samples using
Real-Time PCR

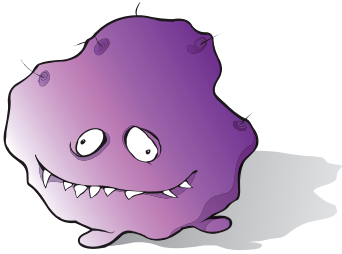


MycAssay™ Pneumocystis a CE marked Real-Time PCR assay for the detection of *Pneumocystis jirovecii* in human clinical respiratory samples.

The kit is designed to be used by qualified laboratory professionals; its results assist physicians to arrive at the correct diagnosis in immunocompromised adult patients suspected of having an infection caused by *Pneumocystis jirovecii*.

When **MycAssay™** Pneumocystis is used in conjunction with Myconostfica's fungal DNA extraction system, **MycXtra®**, a result can be obtained within 3 hours of sample receipt. **Accurate diagnosis that helps save lives.**





Pneumocystis jirovecii:

- Is an infection typically associated with HIV/AIDS
- May be found in other immunocompromised patient groups e.g. transplant recipients, those on steroids, leukaemics, patients on ICU.

Traditional methods used in the diagnosis of *Pneumocystis jirovecii* infections have limitations associated with poor sensitivity and specificity. As it is not possible to culture Pneumocystis, methods for its detection are restricted. Studies show that the use of PCR improves detection of Pneumocystis when compared to traditional techniques such as microscopy. **MycAssay™ Pneumocystis** is designed to be an alternative for current microscopic methods. **MycAssay™ Pneumocystis** offers increased sensitivity and specificity of diagnosis, as compared to traditional methods. Early identification of the disease reduces the patient's exposure to inappropriate drug treatments, improves patient outcomes and reduces hospitalisation and treatment costs associated with Pneumocystis infection.

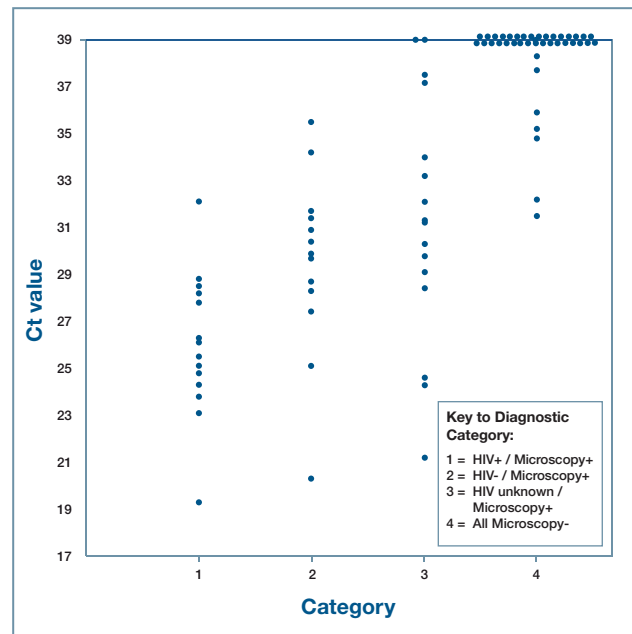


Figure 1.
Clinical performance evaluation
(represents microscopy, does not reflect disease)

Features of MycAssay™ Pneumocystis

- Highly sensitive – has Limit of Detection of < 35 target copies
- Set-up is very simple, taking approximately 10-15 minutes
- Run-time is less than 2 hours
- Has an internal amplification control in every reaction to highlight false negative results
- Consists of closed tube reactions and single use reagents
- Contains sufficient reagents for up to 40 reactions



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Product is
CE marked