

ReadyMax™ Assays

AP-1 assay (Atypical Pneumonia-1)
as snap-in tube for use on the BD MAX™ system



Atypical pneumoniae (AP) comprise community and healthcare-associated pneumonia caused by pathogens, which necessitate distinct antibiotic therapy and are hardly to detect by culture-based methods.

At the Max von Pettenkofer-Institut for Medical Microbiology (Ludwig-Maximilians-University, Munich, Germany) two multiplex qPCRs have been developed for the detection of distinct atypical pneumonia causing pathogens by means of the BD MAX™ system: AP-1 assay and AP-2 assay.

The AP-1 assay allows for the detection of:

- > *Legionella pneumophila*
- > *Toxoplasma gondii*
- > *Pneumocystis jirovecii*

The qPCR has been validated for respiratory specimens such as bronchoalveolar lavage, endotracheal aspirate and sputum sample.

Primers and probes are dried in snap-in tubes (AP-1) and ready for use on the BD MAX™. The snap-in tubes are manufactured and marketed by Biolegio (Nijmegen, The Netherlands).

The AP-1 assay (dried primers and probes as snap-in tubes) can be obtained from Biolegio:

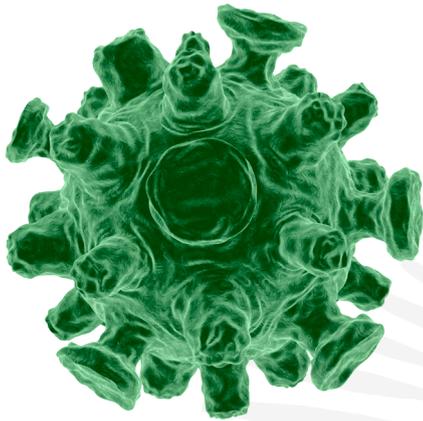
info@biolegio.com

The protocol for usage of the AP-1 assay on the BD MAX™ is freely available by sending an e-mail to:

schubert@med.uni-muenchen.de

Part numbers:

- BDT-14007-24 (24 tubes)
- BDT-14007-48 (48 tubes)
- BDT-14007-96 (96 tubes)



ReadyMax™ Assays

AP-2 assay (Atypical Pneumonia-2)

as snap-in tube for use on the BD MAX™ system



Atypical pneumoniae (AP) comprise community and healthcare-associated pneumonia caused by pathogens, which necessitate distinct antibiotic therapy and are hardly to detect by culture-based methods.

At the Max von Pettenkofer-Institut for Medical Microbiology (Ludwig-Maximilians-University, Munich, Germany) two multiplex qPCRs have been developed for the detection of distinct atypical pneumonia causing pathogens by means of the BD MAX™ system: AP-1 assay and AP-2 assay.

The AP-2 assay allows for the detection of:

- > *Mycoplasma pneumoniae*
- > *Chlamydia pneumoniae*
- > PAN-*Chlamydiaceae*

The qPCR has been validated for respiratory specimens such as bronchoalveolar lavage, endotracheal aspirate and sputum sample.

Primers and probes are dried in snap-in tubes (AP-2) and ready for use on the BD MAX™. The snap-in tubes are manufactured and marketed by Biolegio (Nijmegen, The Netherlands).

The AP-2 assay (dried primers and probes as snap-in tubes) can be obtained from Biolegio:

info@biolegio.com

The protocol for usage of the AP-2 assay on the BD MAX™ is freely available by sending an e-mail to:

schubert@med.uni-muenchen.de

Part numbers:

- BDT-14008-24 (24 tubes)
- BDT-14008-48 (48 tubes)
- BDT-14008-96 (96 tubes)