

ReadyMax™ Assays

NP-1 assay (Neonatal Pneumonia-1)

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



Neonatal pneumonia is a serious respiratory infectious disease caused by a variety of microorganisms, mainly bacteria, with the potential of high mortality and morbidity. The impact may be increased in the case of early onset, prematurity or an underlying pulmonary condition like RDS, meconium aspiration or bronchopulmonary dysplasia (BPD).

At the Max von Pettenkofer-Institut for Medical Microbiology (Ludwig-Maximilians-University, Munich, Germany) a multiplex qPCR has been developed for the fast and reliable detection of neonatal pneumonia pathogens using the BD MAX™ system.

The NP-1 assay allows for the detection of:

- > *Mycoplasma hominis*
- > *Ureaplasma parvum*
- > *Ureaplasma urealyticum*

The qPCR has been validated for swabs (gynecological) and urine-samples, as well as respiratory specimens such as bronchoalveolar lavage and endotracheal aspirate.

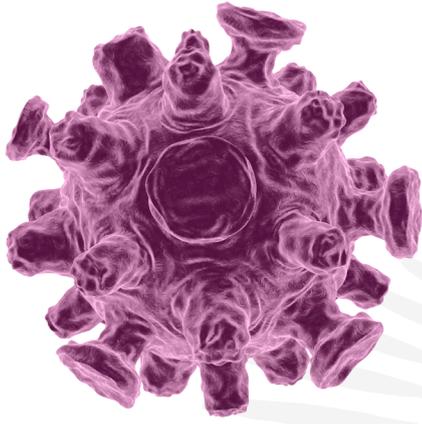
Primers and probes are dried in snap-in tubes (NP-1) and ready for use on the BD MAX™. The snap-in tubes are manufactured and marketed by Biolegio (Nijmegen, The Netherlands). The NP-1 assay (dried primers and probes as snap-in tubes) can be obtained from Biolegio: info@biolegio.com

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

schubert@med.uni-muenchen.de

Part numbers:

- BDT-14009-24 (24 tubes)
- BDT-14009-48 (48 tubes)
- BDT-14009-96 (96 tubes)



ReadyMax™ Assays

NP-2 assay (Neonatal Pneumonia-2)
as snap-in tube for use on the BD MAX™ system



Neonatal pneumonia is a serious respiratory infectious disease caused by a variety of micro-organisms, mainly bacteria, with the potential of high mortality and morbidity. The impact may be increased in the case of early onset, prematurity or an underlying pulmonary condition like RDS, meconium aspiration or bronchopulmonary dysplasia (BPD).

At the Max von Pettenkofer-Institut for Medical Microbiology (Ludwig-Maximilians-University, Munich, Germany) a multiplex qPCR has been developed for the fast and reliable detection of neonatal pneumonia pathogens using the BD MAX™ system.

The NP-2 assay allows for the detection of:

- > *Mycoplasma hominis*
- > *Ureaplasma parvum*
- > *Ureaplasma urealyticum*
- > *Chlamydia Trachomatis*

The qPCR has been validated for swabs (gynecological) and urine-samples, as well as respiratory specimens such as bronchoalveolar lavage and endotracheal aspirate.

Primers and probes are dried in snap-in tubes (NP-1) and ready for use on the BD MAX™. The snap-in tubes are manufactured and marketed by Biolegio (Nijmegen, The Netherlands). The NP-1 assay (dried primers and probes as snap-in tubes) can be obtained from Biolegio: info@biolegio.com

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Part numbers:

- BDT-14010-24 (24 tubes)
- BDT-14010-48 (48 tubes)
- BDT-14010-96 (96 tubes)