



# ReadyMax™ Assays

**b-CAP assay** (community-acquired Pneumonia)  
as snap-in tube for use on the BD MAX™ system

**PAMM**

Community-acquired pneumonia (CAP) is one of the most common infectious diseases and is an important cause of mortality and morbidity worldwide. Although typical and atypical bacterial CAP are often described as separate clinical entities, differentiation between the two is not possible on clinical, radiological grounds and from clinical chemistry results. Differentiation between the two is important as antibiotic therapy is different. Fast diagnosis and accurate diagnosis can prevent unnecessary prolongation of broad spectrum empirical therapy and thus play an important role in antibiotic stewardship.

At PAMM laboratory of Medical Microbiology (Veldhoven, The Netherlands) a multiplex qPCR is developed for the detection of pneumonia causing bacteria: *Legionella pneumophila*, *Mycoplasma pneumoniae*, *Chlamydomphila pneumoniae* and *Chlamydomphila psittaci* in respiratory specimens such as BAL and sputum on the BD MAX™ system.

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

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

[info@biolegio.com](mailto:info@biolegio.com)

The protocol for usage of the b-CAP test on the BD MAX™ is freely available by sending an e-mail to:

[secretariaatMM@pamm.nl](mailto:secretariaatMM@pamm.nl)

**Part numbers:**

BDT-14001-24 (24 tubes)

BDT-14001-48 (48 tubes)

BDT-14001-96 (96 tubes)