



# ReadyMax™ Assays

**Bb assay** (*Borrelia burgdorferi sensu lato complex*)  
as snap-in tube for use on the BD MAX™ system



*Borrelia burgdorferi sensu lato* is the causative agents of Lyme borreliosis. Currently 18 different *Borrelia* species are grouped in this *B. burgdorferi sensu lato* complex. Besides dermatitis being the most common manifestations of Lyme disease, frequent pathologies include arthritis, carditis, and neurological symptoms related to the inflammatory response of the host to *B. burgdorferi*.

At the Max von Pettenkofer-Institute for Medical Microbiology (Ludwig-Maximilians-University, Munich, Germany) this multiplex qPCR has been developed for the detection of the *ospA* gene and *p41 flagellin* gene, both highly specific for *B. burgdorferi sensu lato*.

The 'Bb' panel has successfully been applied for detections of 16 different *Borrelia* species, such as *B. burgdorferi sensu stricto*, *B. garinii*, *B. afzelii*, *B. bavariensis*, *B. spielmanii* and *B. valaisiana*.

The qPCR has been validated for cerebrospinal fluid, tissue sample and joint aspiration.

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

Send your order for the Bb assay (dried primers and probes as snap-in tubes) to: [info@biolegio.com](mailto:info@biolegio.com)

Please feel free to request the protocol for usage of the Bb assay on the BD MAX™ at: [schubert@med.uni-muenchen.de](mailto:schubert@med.uni-muenchen.de)

Part numbers:

BDT-14015-24 (24 tubes)

BDT-14015-48 (48 tubes)

BDT-14015-96 (96 tubes)