

BIOSIDE



qualyfast[®]

LEGIONELLA (24, 48, 96 tests)

Detection and discrimination of *Legionella spp.* and *Legionella pneumophila* with Inhibition Amplification Control by qPCR

qualyfast[®] Legionella product is rapid, sensitive, specific and reproducible kit for detection, discrimination and quantification of *Legionella species* and *Legionella pneumophila* from water and environmental samples. Legionella bacteria are ubiquitous organisms typical of freshwater environments.

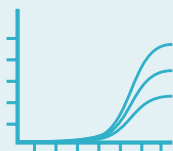




Water samples concentration by filtration



DNA extraction



qPCR analysis

CONVENIENT

All reagents lyophilized and pre dosed in the reaction tube, strip (8 tests) individually packed in reclosable bag, include DNA one strip of Positive Control, transport and storage at room temperature, long shelf life.

EASY

One and only thermal profile for all qPCR Bioside kits, simple to use (just one step to perform the analysis), zero risk of operator error.

FAST

Rapid and accurate results for risk management, ready to use, simultaneous multi target detection, little bit over one hour analysis, 2 minutes hands-on time.

COMPATIBLE

Available in different format for main qPCR platforms using TaqMan® technology.

SAFE

Prevention of false-negative results by Inhibition Control, no risk of contamination, no need to add anything else.



Average workflow - 20 minutes



qualyfast® workflow - 2 minutes

QUALITY

Limit of detection of 5 GU, detect all *Legionella species* including VBNC and intraamoebal, tested on target and non-target species listed in ISO/TS 12869:2012, robust and reproducible.

Accessory products

- Bioside DNA Extraction Kit I for the rapid extraction of DNA from clear water;
- Bioside DNA Extraction Kit II for the extraction of DNA from dirty water;
- Bioside kit of 4 quantified standards (25-25000 GU) ready to use to perform a quantitative detection;
- Free DNA inactivator for elimination of contaminating DNA from dead cells.