

thermo scientific



# Rapid, reliable qPCR test solution for *Legionella* in water

qualyfast® Legionella qPCR Test Range

**ThermoFisher**  
SCIENTIFIC

# Accurate, real-time PCR-based detection of *Legionella pneumophila* and *Legionella* spp. from environmental water samples

The qalyfast Legionella test solution offers rapid, sensitive, specific and reliable detection and quantification of *Legionella* species and *Legionella pneumophila* from clean and dirty water samples.

- **Quick** - Results in under 3 hours for rapid reporting
- **User-friendly** - Room temperature stable to free-up cold storage space
- **Flexible** - Available in kits of 24, 48 and 96 reactions
- **Multiplexed** - Identification of *Legionella* species and *Legionella pneumophila* in a single PCR test



## Simple workflow



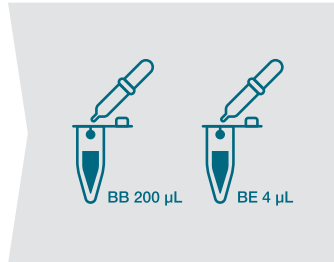
### Free DNA Inactivator

Eliminates false-positives associated with free DNA from non-viable sources



### DNA Extraction Kit

Filter water sample with single use membrane.  
Buffer & enzyme solutions used to lyse bacteria

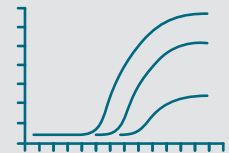


### Legionella qPCR Kits

Detection via qPCR

### *Optional* Quantification Standards

Quantify presence of *Legionella* species with calibrated references



## Ordering information

| Product  | Format   | Order code |
|--|--|------------|
| <b>qualyfast Reagents and PCR Kits</b>   |  |            |
| qualyfast Free DNA Inactivator   | 200 reactions                                    | D401009    |
|  | 24 reactions                                     | D101001    |
| qualyfast DNA Extraction Kit I clear water   | 48 reactions                                     | D201001    |
|  | 96 reactions                                     | D301001    |
| qualyfast DNA Extraction Kit II dirty water  | 48 reactions                                     | D211001    |
|  | 96 reactions                                     | D311001    |
| qualyfast Legionella PCR Assay   | 24 reactions<br>(3x 8-tube strips)               | A101013    |
|  | 48 reactions<br>(6x 8-tube strips)               | A201013    |
|  | 96 reactions<br>(12x 8-tube strips)              | A301013    |
| qualyfast Legionella Quantification Standards  | 8 tests<br>(4 standards each in an 8-tube strip) | A501013    |
| <b>QuantStudio 5 Food Safety PCR System</b>  |  |            |
| Applied Biosystems™ QuantStudio 5 Food Safety Real-Time PCR System, 0.1 mL Block, Laptop           | System   | A36328     |
| Applied Biosystems QuantStudio 5 Food Safety Real-Time PCR System, 0.1 mL Block, Desktop           | System   | A36320     |
| <b>Service &amp; Support Packages</b>  |  |            |
| Applied Biosystems Assurance Service Plan<br>additional 1 year warranty cover with instrument loan | 1 year cover                                     | SCQS5FAST  |

For more information about the qualyfast Legionella qPCR test solution and other products for water and environmental monitoring visit [thermofisher.com/legionella-testing](https://thermofisher.com/legionella-testing) or contact your local representative

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