# LSPP002 Legionella species Primer Set Instructions for Use

| **Product Overview** | |
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| Name | Legionella species Primer Set |
| Part Number | LSPP002 |
| Intended Use | The Legionella species Primer Set is an analyte specific reagent (ASR) for the detection of all *Legionella* species DNA by polymerase chain reaction (PCR). |
| Regulatory Status | Analyte Specific Reagent. Analytical and performance characteristics are not established. |
| Number of vials | 1 |
| Fill Volume | 150µL |
| Storage Temperature | -20°C or below |
| Number of acceptable of freeze thaws | 24 |

| **Product Information** | |
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| Analyte Target | *Legionella* species |
| Fluorophore | FAM |
| Sequence Target | ssrA |
| Cross-reactivity | The Legionella species Primer Set was evaluated for cross-reactivity against a broad panel of non-*Legionella* organisms, including *Bordetella pertussis, Haemophilus influenzae, Klebsiella pneumoniae, Moraxella catarrhalis, Mycobacterium tuberculosis, Neisseria meningitidis, Pseudomonas aeruginosa, Staphylococcus aureus* and *Streptococcus* species, *Chlamydia* species, multiple *Mycoplasma* species, *Ureaplasma urealyticum,* and *Candida albicans* with no cross-reactivity noted. |
| Handling | Always handle samples and product components with caution to avoid contamination. Protect product from prolonged exposure to light. Thaw completely, mix by pipetting or gentle vortexing and centrifuge briefly before use. |
| Precautions | Discard sample and product waste according to your local safety regulations. |
| Limitations | The product is for professional use only. Each laboratory must establish its own standard operating procedures and instructions. |