

icgene
mini

WATER SAFETY SYSTEM



WATER SAFETY SYSTEM KIT LIST

SALMONELLA

Cat. No. EBT 615 40 test

The genus **Salmonella** belongs to the Enterobacteriaceae family, Gram negative bacilli, facultative anaerobes. The genus **Salmonella** is subdivided into two species: *S. enterica* and *S. bongori*; the *S. enterica* species is subdivided into six subspecies, subdivided in turn into about 2400 serovars or serovars. Kits are used to detect **Salmonella** without the need for bacteria culture. In addition to testing water supply systems, water for industrial use, thermal pools, swimming pools, kits can be used to analyze biofilms.

LEGIONELLA PNEUMOPHILA

Cat. No. EBT 621 40 test

Legionella are gram negative bacteria present in all aquatic environments. They are the cause of acute pneumonia. Kits are used to detect **Legionella spp.** and **Legionella pneumophila** without the need for bacteria culture. In addition to testing water supply systems, water for industrial use, thermal pools, swimming pools, kits can be used to analyze biofilms.

LEGIONELLA SPP

Cat. No. EBT 629 40 test

PSEUDOMONAS AERUGINOSA

Cat. No. EBT 626 40 test

P. aeruginosa is a ubiquitous microorganism belonging to the Pseudomonadaceae family and to the genus **Pseudomonas**. It is a gram-negative from the bastoncellare form. Kits are used to detect **Pseudomonas aeruginosa** without the need for bacteria culture. In addition to testing water supply systems, water for industrial use, thermal pools, swimming pools, kits can be used to analyze biofilms.

CLOSTRIDIUM PERFRINGENS

Cat. No. EBT 627 40 test

Clostridium perfringens is a gram positive bacterium anaerobic obliged, sporogenous, bastoncellare, reductive sulphite, catalase negative, immobile and with polysaccharide capsule. It is commonly found in the intestinal tract of animals and humans, in soil and sewage. **C. perfringens** produces spores that can survive in water and in the environment for a long time; as well as being heat-resistant. Kits are used to detect **Clostridium perfringens** without the need for bacteria culture. In addition to testing water supply systems, water for industrial use.

CAMPYLOBACTER SPP

Cat. No. EBT 622 40 test

Campylobacter are helical-shaped rod-shaped bacteria, many forms have motility abilities due to the presence of a mobile polar flagellum at one or both poles of this bacterium, non-sporogenic, gram-negative, microaerophilic. Most find optimal conditions of growth between 3% and 5% of atmospheric oxygen. Commonly present in animal feces. Kits are used to detect **Campylobacter** without the need for bacteria culture. In addition to testing water supply systems, water for industrial use.



RFID  Bluetooth 

ICGENE mini

Cat. No. EBT 801

ICGENE mini offers a fast, easy and safe solution for molecular analysis in the food and environmental industry. Designed to ensure the test reproducibility and maximum efficiency also for analysis on site.

PORTABLE CASE [UPON REQUEST]

Cat. No. EBTP CS1 cf 01

complete kit



safety case



Water Safety System - Portable case The system has been designed to be used in all situations, both for prevention and alert where it is necessary to intervene quickly, accurately and with extreme flexibility. It consists of an **ICGENE mini** system, a compact filtration ramp containing an integrated vacuum system, variable volume micropipettes and related sterile tips; everything included for a correct, reliable and simple research of pathogens in water.



Enbiotech works in the field of molecular diagnostics, develops and manufactures products and services that are fast and simple to use in the food and environmental industry.

In 2010 a group of researchers with expertise in molecular biology, microbiology, chemistry and biotechnology create **Enbiotech** with the ambition of transferring new technologies to market by collaborating in an integrated manner with important scientific centers.

Enbiotech products are kits and instruments based on immunology and molecular biology, diagnostics and research in the food and environmental industry. Thanks to their easy-to-use functionality they are accessible to non-specialized personnel.

Production processes are certified according to ISO 9001 standards.



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