



Biotoxis qPCR Detection Kit

Bacillus anthracis, Yersinia pestis, Francisella tularensis



All-in-one qPCR detection kit

- Sensitive multiplex detection of 3 agents
- Easy to use: primers and probes included
- Stable at +4°C
- Compatible with any type of sample (air, water & biological samples)

Biotoxis qPCR Detection Kit

Reduce your time response with rapid multiplex qPCR

Biotoxis is a qPCR all-in-one detection kit that detects *B. anthracis*, *Y. pestis* and *F. tularensis*. These **3 pathogens are the first potential biological weapon** that can cause lethal infection.

This kit is the **only one on the market that detects in one reaction all 3 agents**, allowing a rapid response in a context of a global bioterrorism. The Biotoxis kit also has a very high sensitivity. In multiplex, detection limits are 17 copies of target template for *B. anthracis*, 20 copies for *Y. pestis* and 49 copies for *F. tularensis*. All liquid components can be **stored at +4°C for 6 months** (unnecessary freeze/thawing cycle).

All primers, probes and internal controls are included in a **ready to use** format which makes this kit very easy to use. Biotoxis qPCR detection kit is dedicated to CBRN teams, first responders, and R&D labs that work on these 3 agents for a **quick intervention in the event of a suspected biological attack**. The Biotoxis kit provides a simple, reliable and rapid method for the detection in air, water, and any biological samples. Bertin's biological air sampler Coriolis® will complete the workflow of biological warfare agents detection.



Applications



Civil Security

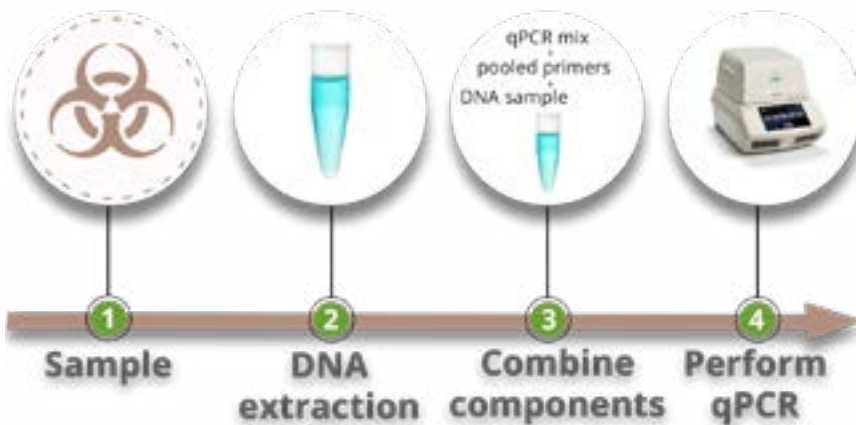


Military Forces



Research & Development

Technology



Technical features

MULTIPLEX DETECTION

TAQMAN® TECHNOLOGY

LABELLED DNA PROBES

With FAM, HEX & Texas Red® fluorescent reporter dyes

SAMPLE FROM 1 TO 5µl OF PURIFIED DNA

96 REACTIONS PER KIT

STORAGE TEMPERATURE

+4°C (in liquid form)

SHIPPING TEMPERATURE

Between +15°C and +25°C

COMPOSITION PER KIT

1 tube: mix of all primers and probes

1 tube: PCR mix

1 tube: PCR Positive Control

2 tubes: nuclease free water

Developed in partnership with the:

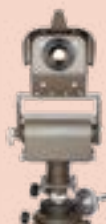


CBRN Products Range

Discover the other products of Bertin Instruments



Coriolis® RECON
Portable air sampler for
biological agent detection



Second Sight® MS
Chemical threat detection



GammaTRACER Spider
Quick deployment probe