

Dräger Bio-Agent Test

The Dräger Bio-Agent Test is a series of immunological rapid tests to detect biological agents and toxins. These are easy-to-use tests that can be used anytime, anywhere and by anybody. The Dräger Bio-Agent Test is supplied in a kit case containing a user-oriented combination of individual and simultaneous tests.



IN AN EMERGENCY EVERY SECOND COUNTS

The main features of the Dräger Bio-Agent-Test are its ease of use and its short measuring time. Within 10 – 15 minutes, the following substances are reliably detected:

- anthrax
- ricin
- botulinum toxin
- plaque (Y. pestis)
- SEB (staphylococcal enterotoxin B)

For high concentrations, the results are shown after only 3 minutes. The evaluation is done visually with the naked eye and thus ideal in order to achieve results fast and effortless. The reliable detection of the substances in question on site is a sensible addition to time-intensive lab analysis.

SIMPLE AND RELIABLE

Just four easy steps – take a sample, extract the sample with buffer solution, drop it onto the test and evaluate the test – lead to a reliable result. The evaluation does not require any additional equipment (e.g. a reading device). This makes it a very cost-effective detection solution.

PRACTICAL AND WITH A LONG SHELF-LIFE

The Dräger Bio-Agent Test contains

- a swab to take the test sample
- a dropper top bottle of buffer solution
- test strips.

The rapid test is based on the principle of polyclonal antibodies. The test is thus exceedingly sensitive and for example reacts to various anthrax strains. The tests can be stored for up to 24 months at room temperature. They do not require refrigeration.

EVEN FASTER WITH A SIMULTANEOUS TEST

All the tests listed above are available as individual tests. A simultaneous test kit is available for the fast detection of 5 parameters at the same time. This leads to even faster results based on a very small sample volume.



Dräger Bio-Agent Test
Adding the sample to the buffer solution



Dräger Bio-Agent simultaneous test



MASTER ANY EMERGENCY - THROUGH TRAINING

In order to be prepared for emergencies, the recommendation is for regular training under realistic conditions. Training sets are available both for the Dräger Bio-Agent individual tests and for the simultaneous test. They are used to practicing the handling and evaluation of possible test results. These sets are also provided in a kit case.

User groups

The Dräger Bio-Agent Test is used for the early detection and identification in a wide range of applications, such as:

- fire service
- police
- military
- border police

- civil defence organisations
- mail distribution centres
- banks
- various security services in the public transport sector, e.g. at airports

ORDER INFORMATION

Name	No. of units per package	Article code
Individual tests		
Dräger Bio-Agent Test Anthrax	5	81 03 483
Dräger Bio-Agent Test Ricin	5	81 03 487
Dräger Bio-Agent Test Botulinum toxin	5	81 03 484
Dräger Bio-Agent Test Yersinia pestis	5	81 03 489
Dräger Bio-Agent Test SEB (staphylococcal enterotoxin B)	5	81 03 488
Dräger Bio-Agent Test simultaneous test for the simultaneous detection of 5 parameters (anthrax, ricin, Yersinia pestis, botulinum toxin, SEB)	10	81 03 482
Training sets to train user groups		
Dräger Bio-Agent Training Set 1A contains 10 separate individual simulation tests as well as 1 bottle of positive simulation powder, 1 bottle of negative simulation powder, 1 bottle of positive simulation fluid.		81 03 497
Dräger Bio-Agent Training Set 5A contains 10 individual simultaneous tests as simulation version as well as 1 bottle of positive simulation powder, 1 bottle of negative simulation powder, 1 bottle of positive simulation fluid.		81 03 496
Demonstration sets to demonstrate the functional principle		
Dräger Bio-Agent Demonstration-Set 1A Contains 5 separate individual simulation tests. Each simulation test contains 1 bottle of positive simulation powder.		81 03 499
Dräger Bio-Agent Demonstration-Set 5A Contains 5 individual simultaneous tests as simulation version. Each simulation test contains 1 bottle of positive simulation powder.		81 03 498
Accessories		
Transport case		81 03 509

Dräger Bio Agent Test

ST-13307-2008



Individual test

ST-539-2008



Simultaneous test

ST-12424-2008



Training Set 1A

ST-1520-2008



Training Set 5A

ST-12427-2008



Demonstration Set 1A

ST-522-2008



Demonstration Set 5A

ST-14713-2008



Transport case

TECHNICAL DATA

Substance	Detection limit, both for individual tests and simultaneous tests
Anthrax	50 ng / mL = 10 000 spores / ml
Ricin	200 ng / mL
Botulinum toxin	50 ng / mL
Yersinia pestis	1 µg / mL = 100 000 CFU (colony forming units) / ml
SEB	10 ng / mL

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