

# 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
<b>Individual tests</b>		
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
<b>Training sets to train user groups</b>		
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
<b>Demonstration sets to demonstrate the functional principle</b>		
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
<b>Accessories</b>		
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-520-2008



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

**HEADQUARTERS:**

Dräger Safety AG & Co. KGaA  
Revalstrasse 1  
23560 Lübeck, Germany

[www.draeger.com](http://www.draeger.com)

**SUBSIDIARIES:****AUSTRALIA**

Draeger Safety Pacific Pty. Ltd.  
Axxess Corporate Park  
Unit 99, 45 Gilby Road  
Mt. Waverley. Vic 3149  
Tel +61 3 92 65 50 00  
Fax +61 3 92 65 50 95

**CANADA**

Draeger Canada Ltd.  
7555 Danbro Crescent  
Mississauga,  
Ontario L5N 6P9  
Tel +1 905 821 89 88  
Fax +1 905 821 25 65

**P. R. CHINA**

Beijing Fortune Draeger  
Safety Equipment Co., Ltd.  
Yu An Lu A 22, B Area  
Beijing Tianzhu Airport  
Industrial Zone  
Houshayu Shunyi District  
Beijing 101300  
Tel +86 10 80 49 80 00  
Fax +86 10 80 49 80-05

**FRANCE**

Dräger Safety France SAS  
3c route de la Fédération,  
BP 80141  
67025 Strasbourg Cedex 1  
Tel +33 3 88 40 59 29  
Fax +33 3 88 40 76 67

**USA**

Draeger Safety, Inc.  
101 Technology Drive  
Pittsburgh, PA 15275  
Tel +1 412 787 83 83  
Fax +1 412 787 22 07

**MEXICO**

Draeger Safety S.A. de C.V.  
Av. Peñuelas No. 5  
Bodega No. 37  
Fraccionamiento Industrial  
San Pedrito  
Querétaro, Qro México  
Tel +52 442 246-1113  
Fax +52 442 246-1114

**NETHERLANDS**

Dräger Safety Nederland B.V.  
Edisonstraat 53  
2700 AH Zoetermeer  
Tel +31 79 344 46 66  
Fax +31 79 344 47 90

**REP. OF SOUTH AFRICA**

Dräger South Africa (Pty) Ltd.  
P.O.Box 68601  
Bryanston 2021  
Tel +27 11 465 99 59  
Fax +27 11 465 69 53

**SINGAPORE**

Draeger Safety Asia Pte. Ltd.  
67 Ayer Rajah Crescent # 06 03  
139950 Singapore  
Tel +65 68 72 92 88  
Fax +65 67 73 20 33

**SPAIN**

Draeger Safety Hispania S.A.  
Calle Xaudaró 5  
28034 Madrid  
Tel +34 91 728 34 00  
Fax +34 91 729 48 99

**UNITED KINGDOM**

Draeger Safety UK Ltd.  
Blyth Riverside Business Park  
NE24 4RG  
Tel +44 1670 352 891  
Fax +44 1670 356 266