



## MULTIANALYTE IMMUNOCHROMATOGRAPHIC DEVICES



### Multianalyte immunochromatographic devices available in four types:

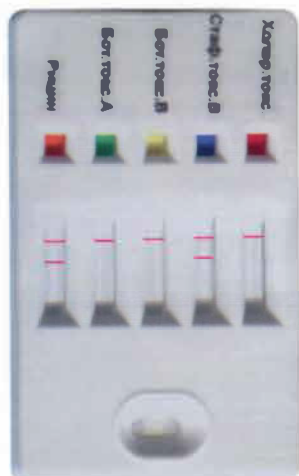
- **to identify toxins** (ricin, botulinum toxins A and B, staphylococcal enterotoxin B, cholera exotoxin);
- **to identify bacteria** (plague, brucellosis, tularemia, glanders and anthrax spores);
- **to identify viruses** (Congo-Crimea Fever, Ebola virus, Lassa/Machupo fever virus glycoprotein antigen, Ortopoxvirus, viruses culture media based on growing chicken embryo);
- **for training purposes.**

Multianalyte immunochromatographic devices are intended for sampling from environmental objects (swabs from surfaces, liquids, food, and contents of the aerosol samplers) and fast direct identification of toxins and bacteria by immunoassay analysis.

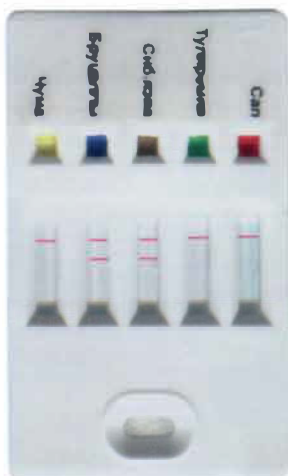
Scope - biological control, counter-terrorism, sanitation, and hygiene.

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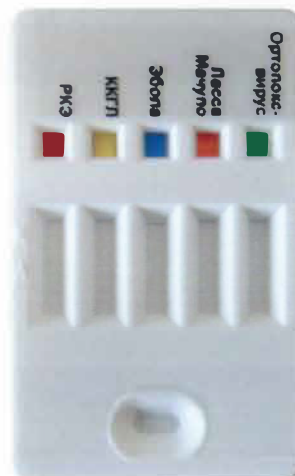
For toxins identification



For bacteria identification



For viruses identification



## TECHNICAL SPECIFICATIONS

Detection sensitivity,  
not less than, ng/ml:

- Ricin ..... 80
- Botulinum toxin A ..... 30
- Botulinum toxin B ..... 20
- Staphylococcal enterotoxin B ..... 40
- Cholera exotoxin ..... 500

Detection sensitivity,  
not less  $1 \times 10^6$  m.c./ml:

- Yersinia pestis
- Francisella tularensis
- Bacillus anthracis
- Burkholderia mallei
- Brucella (abortus, melitensis, suis)

Detection sensitivity,  
not less:

- Viruses culture media based on growing chicken embryo .. 200 ng/ml
- Congo-Crimea Fever .....  $1 \times 10^6$  PFU/ml
- Ebola virus ..... 2,5  $\mu$ g/ml VLP  
(approx.  $1 \times 10^9$  PFU/ml)
- Lassa/Machupo virus glycoprotein antigen ..... 200 ng/ml
- Ortopoxvirus .....  $5 \times 10^5$  PFU/ml

### Content:

1. Multianalyte indicator element ..... 1
2. Test tube with analysis buffer ..... 1
3. Test tube with the probe-tampon ..... 1
4. Plastic pipette ..... 1
5. Desiccant bag ..... 1
6. Vacuum packaging bag ..... 1
7. Operating manual ..... 1

### Operation parameters:

- Analysis time (excluding sample preparation) ..... 25 min
- Minimum sample volume ..... 500  $\mu$ l
- Operating temperature range ..... +10 °C ... +35 °C
- Period of validity 1 year at ambient temperatures ..... +5 °C ... +25 °C
- Mass ..... 40 g
- Overall dimensions of the package ..... 140 $\pm$ 2  $\times$  140 $\pm$ 2 mm

To order this product, please contact: CBRN Protection TCT B.V.,  
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