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## RAMP® BIODEFENSE SYSTEM

Response Biodefense offers rapid, on-site, biological field detection for first responders, military personnel, public safety workers, facility security and military personnel. Tests are available for the detection of Anthrax (AOAC approved), Ricin, Botulinum Toxin and Smallpox. The test portfolio also includes a Biodefense Training Test to satisfy training needs.

### RAMP® BIODEFENSE SYSTEM HIGHLIGHTS

*Exclusive Designation:* The RAMP® Reader is the first, rapid handheld anthrax detection system to meet the performance standards introduced by AOAC INTERNATIONAL.<sup>1,2</sup>

Portable system provides rapid results in less than 15 minutes; no external timer required

Easy-to-interpret, qualitative positive or negative result

Simple to use with minimal training; free on-site training available (North America only)

No calibration or maintenance required

Sample Medium: powder and/or liquids

A calibrated transfer device is provided with every kit

Detection Sensitivities: Anthrax 4 ng (4,000 spores); Bot Tox 5 ng; Ricin 10 ng; Pox 3.6 ng

Detects anthrax at the 4,000 spore level with no false positives, as confirmed by the U.S. Army, Edgewood Center<sup>3</sup>

Free RAMP® Reader replacement on confirmation of positive test results from an accredited laboratory

24 Hour Technical Support available

Replacement Test Kit Options available

<sup>1</sup> Initiative Yields Effective Methods for Anthrax Detection; RAMP and MIDI, Inc., Methods Approved; Inside Laboratory Management, AOAC International (2004)

<sup>2</sup> Certificate of Performance Tested<sup>SM</sup> Status, AOAC Research Institute, RAMP® Anthrax Test Cartridge, 2013

<sup>3</sup> Evaluation of a Rapid Immunoassay System for the Detection of *Bacillus anthracis* Spores; Heroux, K. and Anderson, P.; U.S. Army Edgewood Chemical Biological Center, Aberdeen Proving Ground, Maryland

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### RAMP® BIODEFENSE STARTER SYSTEM\*

1 Waterproof Carrying Case

1 RAMP® Reader



- 1 Universal Power Supply
- 1 Operator's Manual
- 1 Quick Start Card
- 1 Printer and Cable
- 4 RAMP® Test Kits: [Anthrax, Ricin, Bot Tox and Pox](#) (replacement kits also available)



\*Free on-site training in North America (includes a free RAMP® Biodefense Training Test)

\*One year warranty with reader purchase; extended warranty available

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## RAMP® TEST KITS

- RAMP® Anthrax
- RAMP® Ricin
- RAMP® Bot Tox
- RAMP® Pox
- RAMP® Biodefense Training Test

[Quick Quote](#)

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## INDIVIDUAL RAMP® TEST KIT CONTENTS

- 25 RAMP® test cartridges
- 25 RAMP® test tips (pouched with cartridges)
- 25 RAMP® sample buffer vials
- 10 Disposable Liquid Sampling Swabs (except for BTT)
- 25 Disposable Powder Sampling Microbrushes
- 1 Transfer Device
- 1 Package Insert
- 1 Lot Card
- 1 Permanent Ink Marker

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## TEST REPLACEMENT PLANS

All plans provide automatic shipment of test kits at defined intervals  
Assists in test kit inventory control  
Significant cost savings on individual test kit costs and free shipping!

### Gold Plan\*:

- Plan coverage: 2 years
- Automatic shipment intervals: 12 & 24 months
- Free shipping!
- Extended parts and labor warranty on the RAMP® Reader
- Savings of \$600 +

\*To be purchased in conjunction with a RAMP® Biodefense Starter System

## 2 Year Replacement Plan:

Plan coverage: 2 years  
Automatic shipment intervals: At purchase & 12 months  
Free shipping!  
Savings of \$800 +

## 3 Year Replacement Plan:

Plan coverage: 3 years  
Automatic shipment intervals: At purchase, 12 & 24 months  
Free shipping!  
Savings of \$1200 +

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## THE RAMP® BIODEFENSE TRAINING ADVANTAGE

The RAMP® Biodefense Training Advantage is a guarantee to provide the finest RAMP® Biodefense training to customers. Personal attention to customer's unique needs guarantees complete satisfaction. Every RAMP® Reader purchased for use in North America includes on-site training performed by Emery & Associates, Inc.

### Emery & Associates, Inc.:

Experts who regularly handle hazmat incidents  
Specialists in international emergency response consulting and training  
Trainers have real-world experience, skills and qualifications that allow them to provide clear action alternatives essential in critical situations  
Customize training to meet the demanding requirements of both their clients and OSHA standards (since 1983)

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## THE RAMP® BIODEFENSE SYSTEM HAS BEEN SUCCESSFULLY EVALUATED BY

AOAC International, funded by the Department of Homeland Security, implemented at the U.S. Army Dugway Proving Grounds, Utah, 2004  
Certificate of Performance Tested<sup>SM</sup> Status, AOAC Research Institute, RAMP® Anthrax Test Cartridge, 2013  
U.S. Army Edgewood Chemical Biological Center, Aberdeen Proving Ground, Maryland (Results presented at the American Society for Microbiology Meeting, Washington, DC, 2002)  
Canadian Military, DRDC, Medicine Hat, Alberta  
State of Maryland Department of Health, Maryland and Intertox, Seattle

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*Please contact Customer Support (1-888-591-5577 or 1-604-456-6010) to find out the products available for use in the country of interest.*

## DISTRIBUTION

Response Biomedical Corp. (“Response”) is a global company with an extensive Global Distribution Network that will continue to be a significant mainstay behind the continued growth and success of Response. Learn more about Response Distribution opportunities.

## INVESTORS

Response Biomedical Corp. (“Response”) is a publicly traded company, listed on the TSX Exchange under the trading symbol "RBM" and quoted on the OTC Markets under the symbol "RPBIF". Learn more about Response Investment opportunities.

### PRODUCTS

RAMP® 200  
 RAMP® Reader  
 Tests  
 Accessories

### QUALITY

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 Product Quality  
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