



BIOEASY

KEEPING MILK FREE FROM ANTIBIOTIC RESIDUES



BIOEASY MILK SAFETY

DRUG RESIDUE SCREENING





KEEPING MILK FREE FROM ANTIBIOTIC RESIDUES

For centuries, pure fresh milk has been recognized as a healthy source for important nutrients. Today, throughout the world, there are more than six billion consumers of milk and milk products. The safety of milk is therefore an obligation that should be taken seriously.

Antibiotic residues in milk are a concern to human health as residues can promote antibiotic resistance in pathogenic bacteria and cause allergy and hypersensitivity in human beings. They also pose a major problem to the dairy industry as antibiotic residues can inhibit or slow down starter cultures in yoghurt and cheese making, possibly resulting in major losses to the dairy concerned. Bioeasy Test kits can help screen milk at the farm or before unloading the truck at the dairy. This will minimize the amounts of milk that may have to be discarded and eventually help maximize cost efficiency; all the while it is an important step in the fight against antibiotic resistance.

Working as a partner with farmers and processors, Bioeasy has kept pace with the global testing requirements of the industry to ensure that milk and dairy products are among the world's safest foods!

We offer a complete antibiotic residue testing program:

- The Bioeasy family of milk antibiotics rapid tests, offer a wide ranges of products to the market, covering nearly all of the antibiotics.
- Rapid tests available to meet EU, Russian, Australia and American standards
- A complete line of incubators and readers
- Positive and negative controls for quality insurance of testing procedures



BIOEASY β -LACTAMS

RAPID SCREENING FOR β -LACTAMS AND CEPHALOSPORINS

Bioeasy β -lactams is a rapid detection, one-step assay for β -lactams/cephalosporin antibiotics in commingled bovine milk.



- RAPID**
Results in 6 minutes
- SENSITIVE**
Meets the EU/FDA/Australia MRL requirements
- EASY-TO-USE**
No extra devices required, easily perform on site or in lab
- SIMPLE**
Visually interpretation of results
- ACCURATE AND RELIABLE**
- COST EFFECTIVE**

HOW TO USE



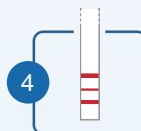
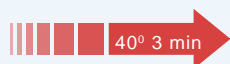
1
Take 200ul sample and mixed



2
Incubate 3 min at 40°



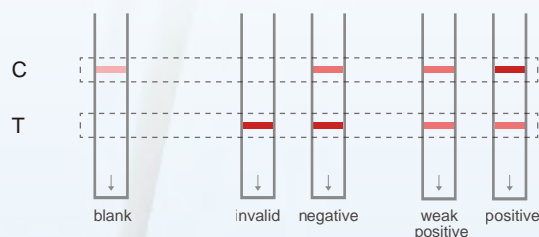
3
Place Test Strip



4
Visually Interpretation

RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



C—Control Line T—Test Line

SENSITIVITY

1: ppb: parts per billion 2: LOD: limit of detection

β -LACTAMS	EU MRL (ppb)	BIOEASY LOD (ppb)	CEPHALOSPORIN	EU MRL (ppb)	BIOEASY LOD (ppb)
Pénicillin-G	4	1-1.5	Cephapirin	60	8-10
Ampicillin	4	2-4	Cefalonium	20	6-8
Amoxicillin	4	2-4	Cefazolin	50	40-50
Oxacillin	30	5-7	Cefoperazone	50	4-6
Cloxacillin	30	5-7	Cefquinome	20	12-18
Dicloxacillin	30	10-20	Ceftiofur	100	80-100
Nafcillin	30	20-30	Cefacetile	125	25-30

Remark: EU MRL requirement for cephalexin is 100ppb (bioeasy 20-30ppb),corresponding product code please refer the ordering info.

ORDERING INFO

ORDER CODES	KIT COMPONEN
YRM1001-2A YRM1001-3 (cefalexin)	1, Operation instruction 2, 96 test/kits: 12 tubes, each tube with 1 strip of 8 reagentmicro-wells and 8 test strips.

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months

BIOEASY TETRACYCLINES

RAPID SCREENING FOR TETRACYCLINES

Bioeasy Tetracyclines is a rapid detection, one-step assay for tetracyclines antibiotics in commingled bovine milk. Comply with EU MRL safe levels or Russian Federation MRL limits.



RAPID

Results in 6 minutes



SENSITIVE

Closest match to EU/Russian MRL safe levels



EASY-TO-USE

No extra devices required, easily perform on site or in lab



SIMPLE

Visually interpretation of results

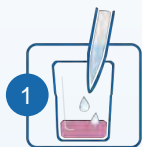


ACCURATE AND RELIABLE



COST EFFECTIVE

HOW TO USE



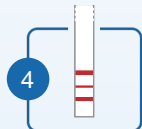
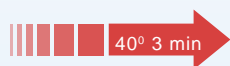
1 Take 200ul sample and mixed



2 Incubate 3 min at 40°



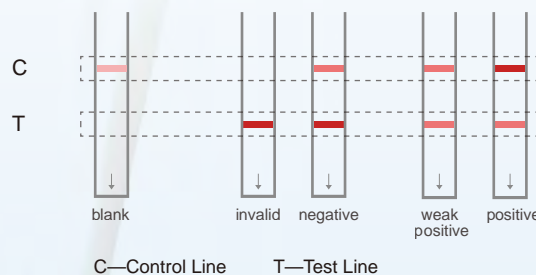
3 Place Test Strip



4 Visually Interpretation

RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



SENSITIVITY

BETA-LACTAMS	EU MRL (ppb)	BIOEASY LOD (ppb)	CEPHALOSPORIN	EU MRL (ppb)	BIOEASY LOD (ppb)
Chlortetracycline	100	30-40	Doxycycline	100	30-40
Oxytetracycline	100	30-40	Tetracycline	100	30-40

- 1: The custom union between Russia, Belarus and Kazakhstan MRL requirements is 10ppb for tetracyclines. For this product please refer the ordering info.
- 2: ppb: parts per billion
- 3: LOD: limit of detection

ORDERING INFO

ORDER CODES	KIT COMPONENT
YRM1011-40 (100 ppb)	1, Operation instruction 2, 96 test/kits: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.
YRM1011-10(10 ppb)	Same as above

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.

BIOEASY SULFONAMIDES

RAPID SCREENING FOR SULFONAMIDES

Bioeasy Sulfonamides is a rapid detection, one-step assay for 15 sulfonamides antibiotics in commingled bovine milk.



RAPID

Results in 6 minutes



SENSITIVE

Closest match to EU/FDA MRL safe levels



EASY-TO-USE

No extra devices required, easily perform on site or in lab



SIMPLE

Visually interpretation of results

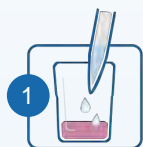


ACCURATE AND RELIABLE

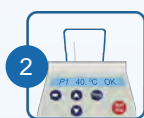


COST EFFECTIVE

HOW TO USE



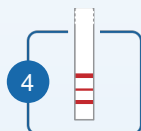
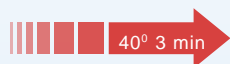
1 Take 200ul sample and mixed



2 Incubate 3 min at 40°



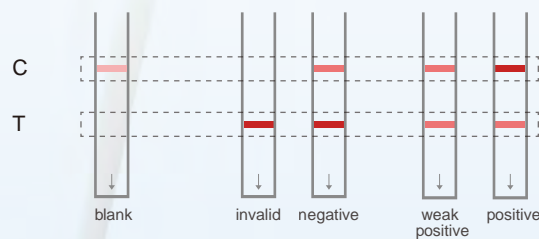
3 Place Test Strip



4 Visually Interpretation

RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



SENSITIVITY

EU MRL=Total 100 ppb

SULFONAMIDES	BIOEASY (LOD) (ppb)	SULFONAMIDES	BIOEASY (LOD) (ppb)	SULFONAMIDES	BIOEASY (LOD) (ppb)
Sulfamethazine	8-12	sulfamethoxazole	10-20	Sulfadimethoxine	2-4
Sulfapyridine	20-30	Sulfamerazine	5-10	Sulfathiazole	1-2
Sulfaquinoxaline	15-20	Sulfamehtoxypyridazine	4-6	Sulfamethizole	6-8
Sulfaphenazolum	40-50	Sulfisoxazole	15-20	Sulfachlorpyridazine	5-8
Sulfachloropyridazine	80-100	Sulfadiazine	8-15	Sulfamonomethoxine	1.5-2

ORDERING INFO

ORDER CODES	KIT COMPONEN
YRM1024-1	1, Operation instruction 2, 96 test/kit: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months

BIOEASY MELAMINE

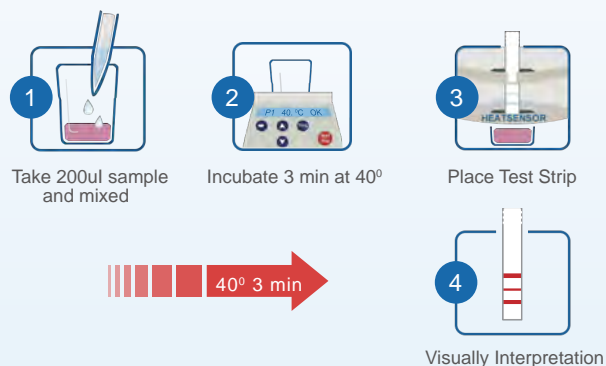
RAPID SCREENING FOR MELAMINE DETECTION

Bioeasy Melamine is a rapid detection, one-step assay, and also the most sensitive for the detection of melamine, for commingled bovine milk or milk powder.



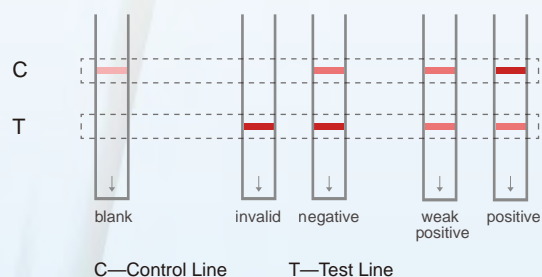
- RAPID**
Results in 6 minutes
- SENSITIVE**
Adapted to different specific regulation
- EASY-TO-USE**
No extra devices required, easily perform on site or in lab
- SIMPLE**
Visually interpretation of results
- ACCURATE AND RELIABLE**
- COST EFFECTIVE**

HOW TO USE



RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



SENSITIVITY

	EU MRL RAW MILK (ppb)	EU MRL MILK POWDER AND INFANT FORMULA (ppb)	BIOEASY LOD (ppb)
Melamine	2500	1000	50

ORDERING INFO

ORDER CODES	KIT COMPONENT
YRM-1003-50 (50 ppb)	1, Operation instruction 2, 96 test/kit: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.
YRM-1003-100 (100 ppb)	Same as above

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months

BIOEASY 2IN1— β -LACTAMS +TETRACYCLINES

RAPID TEST FOR TWO MAIN CLASSES OF ANTIBIOTICS

Bioeasy 2in1 is a rapid detection for β -lactams and tetracyclines antibiotics in one single test. In compliance with EU MRL or Russian Federation safe limits.



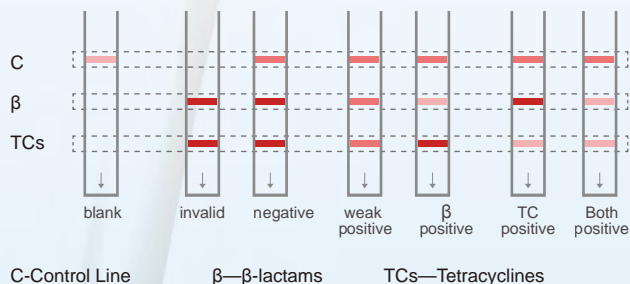
- 2 IN 1**
Detection of β -lactams & Tetracyclines in single test
- RAPID**
Results in 8 minutes
- SENSITIVE**
Comply with specific regulations (EU/US/AU/Russia)
- EASY-TO-USE**
No extra devices required, easily perform on site or in lab
- SIMPLE**
Visually interpretation of results
- ACCURATE AND RELIABLE**
- COST EFFECTIVE**

HOW TO USE

- Take 200ul sample and mixed
 - Incubate 3 min at 40°
 - Place Test Strip
 - Visually Interpretation
- 40° 5 min

RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



SENSITIVITY

Please refer to the above sensitivity table for β -lactams and tetracyclines.

For US/Australian/New Zealand users, the 2in1 ordering code is listed below

For EU users, the 2in1 with cephalexin also available, please check the ordering info below.

For Russian or related users, the 2in1 with higher limit of detection for tetracyclines also available, please check the ordering info below.

ORDERING INFO

ORDER CODES	KIT COMPONENT
YRM1007-40 (100ppb)	1, Operation instruction 2, 96 test/kits: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.
YRM1008-10(10ppb) (cephalexin)	Same as above
YRM1008-40 (EU)	Same as above

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months

BIOEASY 3IN1— β -LACTAMS+ TETRACYCLINES+SULFONAMIDES

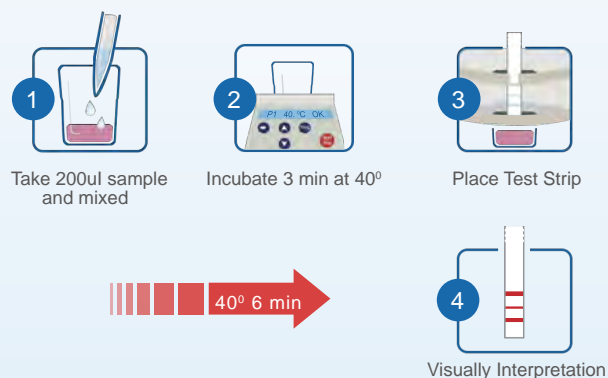
RAPID TEST FOR THREE MAIN CLASSES OF ANTIBIOTICS

Bioeasy 3 in 1 is a rapid detection for β -lactams, tetracyclines and sulfonamides antibiotics in one single test. In compliance with EU MRL or Russian Federation limits.



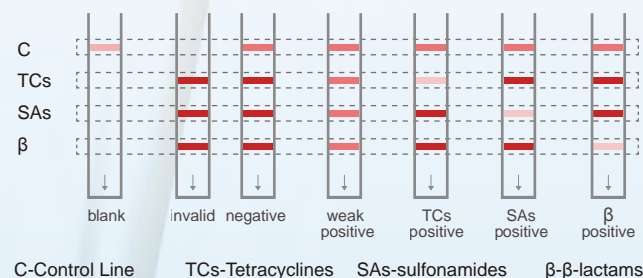
- 3 IN 1**
Detection of 3 classes of antibiotics in single test
- RAPID**
Results in 9 minutes
- SENSITIVE**
Adapted to specific regulation(EU/US)
- EASY-TO-USE**
No extra devices required, easily perform on site or in lab
- SIMPLE**
Visually interpretation of results
- ACCURATE AND RELIABLE**
- COST EFFECTIVE**

HOW TO USE



RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CTRL" line.



SENSITIVITY

Please refer to the above sensitivity table for β -lactams, tetracyclines, and sulfonamides.

ORDERING INFO

ORDER CODES	KIT COMPONENT
YRM1026-40(EU) (100ppb)	1, Operation instruction 2, 96 test/kit: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.
YRM1026-10(10ppb)	Same as above

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months

BIOEASY 4IN1

UNIQUE AND CUSTOMIZED MULTIPLE DETECTION FOR FOUR CLASSES OF ANTIBIOTICS

Bioeasy 4 in 1 is a customized rapid multiple detection for β -lactams, Tetracyclines, streptomycin and chloramphenicol in commingled cow milk in one single test. Customized for Russia, Belarus and Kazakhstan custom unions, and applies also to milk imported into those countries.



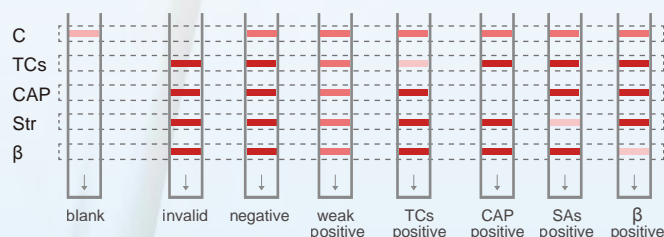
- MULTIPLE**
Detection of β -lactams, Tetracyclines, Streptomycin and Chloramphenicol in single test
- RAPID**
Results in only 9 minutes
- SENSITIVE**
Closest match to Russian safe levels
- EASY-TO-USE**
No extra devices required, easily perform on site or in lab
- SIMPLE**
Visually interpretation of results
- ACCURATE AND RELIABLE**
- COST EFFECTIVE**

HOW TO USE

- Take 200ul sample and mixed
 - Incubate 3 min at 40°
 - Place Test Strip
 - Visually Interpretation
- 40° 6 min

RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



C-Control Line
 β - β -lactams
TCs-Tetracyclines
Str-Streptomycin
CAP: Chloramphenicol
SAs positive

SENSITIVITY

β -lactams, tetracyclines sensitivity table please referred above info.

	EU MRL	RUSSIAN FEDERATION	BIOEASY LOD
Streptomycin	200	500	100-150
Dihydrostreptomycin	200	N/A	100-150
Chloramphenicol	0.3	10	0.2-0.3

ORDERING INFO

ORDER CODES	KIT COMPONENT
YRM1039	1, Operation instruction 2, 96 test/kits: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months

BIOEASY GOAT MILK ADULTERATION RAPID TEST

Bioeasy Goat Milk Adulteration rapid test is a rapid detection for the presence of less than 0.5% of extraneous cow's milk in goat milk sample, not only for fresh goat milk but also for goat milk powder.



RAPID

Results in only 8 minutes



SENSITIVE

Detection of less than 0.5% of extraneous cow milk in any goat milk sample



EASY-TO-USE

No extra devices required, easily perform on site or in lab



SIMPLE

Visually interpretation of results

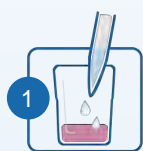


ACCURATE AND RELIABLE



COST EFFECTIVE

HOW TO USE



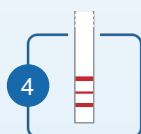
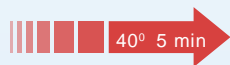
1 Take 200ul sample and mixed



2 Incubate 3 min at 40°



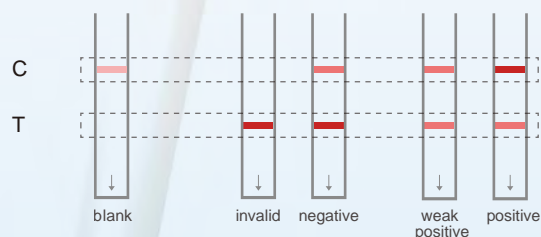
3 Place Test Strip



4 Visually Interpretation

RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



C—Control Line

T—Test Line

SENSITIVITY

COMPOUND	BIOEASY LOD
Cow milk	0.4-0.6% or 0.1%-0.2%

ORDERING INFO

ORDER CODES	KIT COMPONEN
YREC1001-2	1, Operation instruction 2, 96 test/kit: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months

OTHER ANTIBIOTICS RAPID TESTING PRODUCTS

1



QUINOLONES

For the screening detection of quinolones residues in raw, commingled cow milk, such as ciprofloxacin, norfloxacin,

2



AMINOGLYCOSIDES

For the screening detection of aminoglycosides residues in raw, commingled cow milk, such as gentamicin, neomycin, spectinomycin, streptomycin, etc.

3



MACROLIDES

For the screening detection of macrolides residues, such as erythrocin, tylosin, etc.

4



OTHERS

Dexamethasone, Benzoic Acid, etc;

5



NITROFURAN

For detail of the above products, please contact with your local sales representative.

BIOEASY AFLATOXIN M1

RAPID TEST FOR AFLATOXIN M1 RESIDUES

Bioeasy Aflatoxin M1 is a rapid detection for Aflatoxin M1 in commingled cow milk.



RAPID

Results in 7 minutes



SENSITIVE

Adapt to specific regulations. (EU and US)



EASY-TO-USE

No extra devices required, easily perform on site or in lab



SIMPLE

Visually interpretation of results

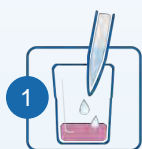


ACCURATE AND RELIABLE



COST EFFECTIVE

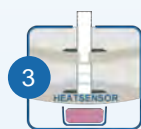
HOW TO USE



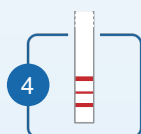
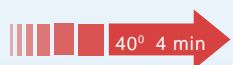
1
Take 200ul sample
and mixed



2
Incubate 3 min at 40°



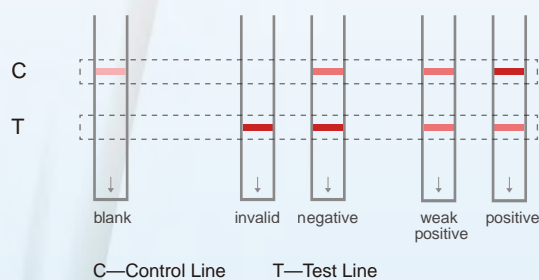
3
Place Test Strip



4
Visually Interpretation

RESULTS

Visual interpretation of the result by comparing the intensity of the "TEST" line with the one of the "CONTROL" line.



SENSITIVITY

TOXIN	BIOEASY LOD(ppb)
Aflatoxin M1	0.2-0.3 or 0.3-0.4

ORDERING INFO

ORDER CODES	KIT COMPONENT
YRM1004-0.2	1, Operation instruction 2, 96 test/kit: 12 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.
YRM1004-3	same as above

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.
Shelf Life: 12 months



FEED/CEREALS MYCOTOXIN RAPID TEST

Rapid test for Aflatoxin B1, Zearalenone, Deoxynivalenol, and T-2 detection in cereals and feed.

Bioeasy mycotoxin rapid test can detect all these important mycotoxins molecules in Feed and Cereals samples at or below their respective European maximum residues limits(MRL).

BENEFITS



RAPID

Results in only 12 minutes



EASY-TO-USE

No extra devices required, easily perform on site or in lab



ACCURATE AND RELIABLE



SENSITIVE

Comply with different EU MRL requirements



SIMPLE

Visually interpretation of results



COST EFFECTIVE

ORDERING INFO

ORDER CODES	KIT COMPONENT
AFLATOXIN B1 YRF1001-2(2ppb) YRF1001-8(8ppb)	1, Operation instruction 2, 48 test/kit: 8 tubes, each tube with 1 strip of 8 reagent micro-wells and 8 test strips.
YRF1011W—Deoxynivalenol	Same as above
YRF1003-100-Zearalenone	Same as above
YRF1005-T-2	Same as above

STORAGE

At 2-8°C, out of sun light and moisture; Maintained sealed, do not freeze.

Shelf Life:12 months

BIOEASY CUSTOMIZED SOLUTIONS

Why might you need customized solutions?



International standard change frequently

New Antibiotics drugs come to the market



New products to answer new market demands

Bioeasy can adapt quickly to market demands, and through our strong R&D team, provide you with a test kit specially designed to solve your individual demands.



Contact Bioeasy to learn how we can customize a solution for you!

OPTIONAL DEVICES

BIOEASY TSR-200 DESKTOP READER

- Ease of use with 6.2 inch touch screen and smart operation system
- Compact design, ideal solutions for Lab used
- High-sensitivity measurement with high repeatability
- Build-in Micro-Thermo printer
- Large built-in memory can save 9,990 measurement records
- Fast response time, results tested within seconds



SAFF READER

- Hand-held designed with battery, good for on-site application
- USB port connection or car cigarette-lighter power driven, ideal solution for farmer and truck driver.
- Ease of use with 3.5 inch touch screen
- Data storage can be up to 9,000



MINIT INCUBATOR

1. LCD display. It is easy to set up and use
2. Maximum incubate 32 microwells at one time
3. Compact design, easy to use on site or in lab;
4. Beep-signal/Stop after program completed



MECHANICAL PIPETTES (ADJUSTABLE)

- 20-200 μ L
- Digital display clearly reads volume setting





Authorized Distributor

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Email: peterzhong@bioeasy.net.cn

Add : No. 2-1, 1st Liuxian Street, Xin'an Road Baoan,
Shenzhen, Guangdong Province, China. 518101