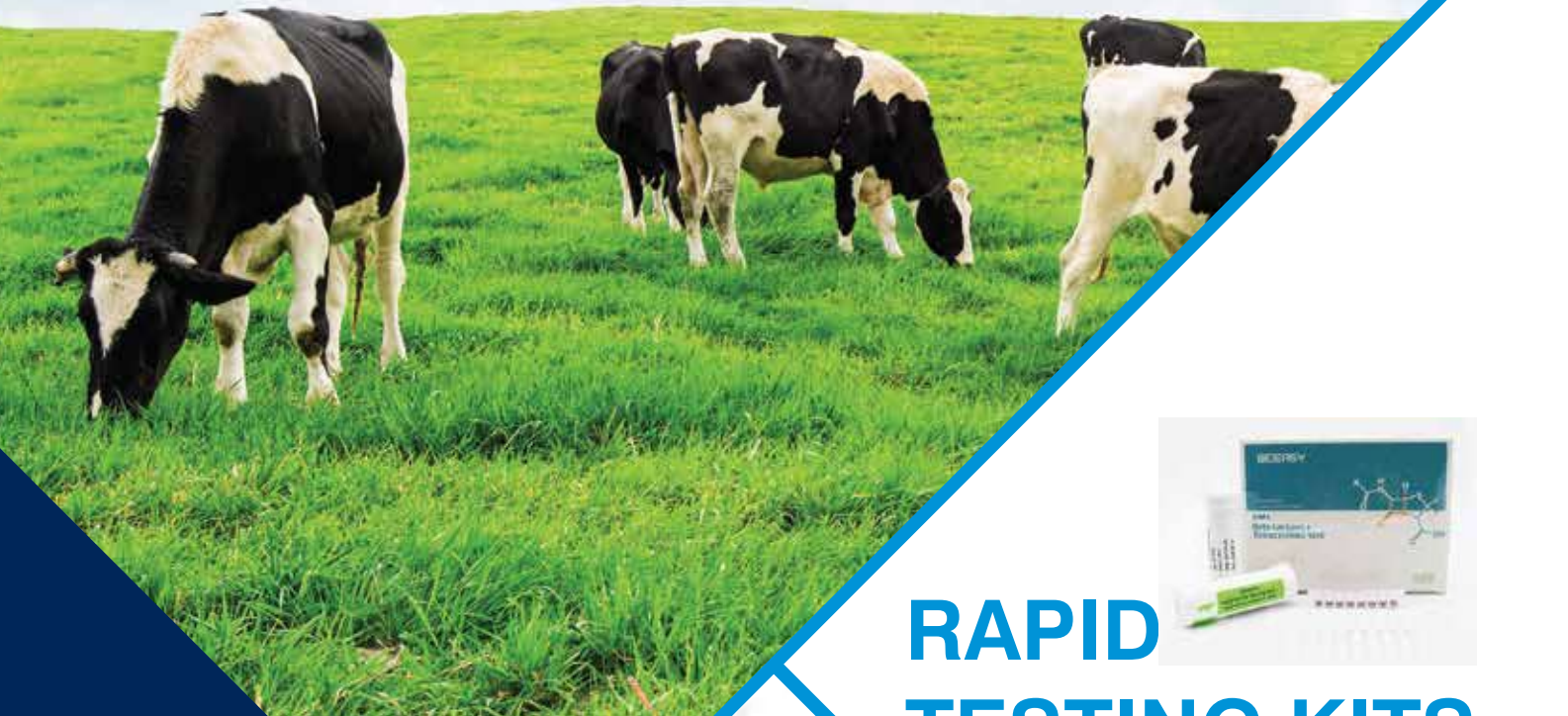


## MILK SAFETY

Bioeasy's mission is rooted in the fundamental human need for safe abundant food. Concern about the safety and quality of global sourced food have become increasingly widespread.

The increasing need to routinely monitor the occurrence of these contaminants in the food chain, has inspired Bioeasy's commitment and dedication to the research, development and worldwide distribution of advanced rapid test solutions for food safety. Bioeasy has an extensive and expanding range of rapid test kits for Dairy, Honey, Livestock, food and feed industries for laboratory as well as on-site testing in order to achieve their quality, compliance and business objectives.

Bioeasy is making use of cutting edge technology, offering limits of detections as per regulations, user friendly products and matchless support guaranteed to add value to your testing programs across the supply chain in the world.



## RAPID TESTING KITS



## MILK SAFETY

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.

We are serving dairy farmers and plants in the global market, protecting their milk safety locally. And help to expand their business globally.

Bioeasy dairy kits were selected in India to conduct National Milk Safety and Quality Survey 2018.

Bioeasy test kits have been approved by various certification and validation agencies across the globe.

## 2IN1

Beta-lactams and Cefalexin  
Beta-lactams and Tetracyclines

## 3IN1

Beta-lactams, Cefalexin and Tetracyclines  
Beta-lactams, Sulfonamides and Tetracyclines  
Macrolide 3IN1  
Amino 3IN1

## 4IN1

Beta-lactams, Streptomycin, Chloramphenicol and Tetracyclines  
Melamine, Beta-lactams, Cephalexin and Tetracyclines

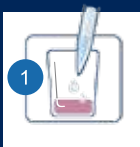
## SINGLE

Beta-lactams  
Tetracyclines  
Goat Milk Adulteration  
Sulpyrine/Dipyrrone/Metamizole  
Trimethoprim  
Chloramphenicol  
Dexamethasone  
Gentamicin  
Fluoroquinolones  
Aflatoxin M1  
Sulfonamides  
Melamine  
Beta-lactamase

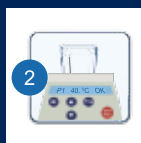
## Certification & Validation



## HOW TO USE



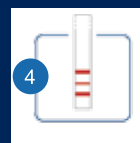
1 Take 200µ sample and mixed



2 Incubate 3 min at 40°



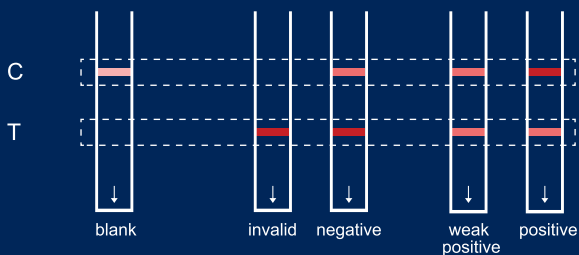
3 Place Test Strip



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

### β-LACTAMS

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)
Penicillin-G	4	1-1.5	Cephapirin	60	8-10
Ampicillin	4	2-4	Cefalonium	20	08-06
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 cephalixin is 100ppb (bioeasy 20-30ppb),corresponding product code please refer the ordering info.

### TETRACYCLINES

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

### AFLATOXIN M1

Limits of Detection (ng/ml-ppb)

Residue Name	YRM1004-0.2	YRM1004-0.05	YRM1004-0.5Q	YRM1004-3
Aflatoxin M1	0.2-0.3	0.04-0.05	0.5	0.3-0.4

### SULFONAMIDES

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	Sulfamehtoxyppyridazine	4-6	Sulfamethizole	6-8
Sulfaphenazolum	40-50	Sulfisoxazole	15-20	Sulfachlorpyridazine	5-8
Sulfachloropyridazine	80-100	Sulfadiazine	8-15	Sulfamonomethoxine	1.5-2

### MELAMINE

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

### 4IN1

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
Chloramphenical	0.3	10	0.2-0.3

## OPTIONAL DEVICES

### YR-10 DESKTOP READER



- Record Capacity: 5000 results
- Compact design, ideal solutions for Lab use
- High-sensitivity measurement with high repeatability
- Build-in Micro-Thermo printer
- Fast response time, results tested within seconds
- Data export to PC

### SAFF READER



- Hand-held designed with battery, good for on-site application
- Ideal solution for farmer and truck driver
- Ease of use with 3.5 inch touch screen
- Data storage can be up to 9,000 results

### MICRO HEATER



- LCD display. It is easy to set up and use
- Maximum incubate 16 microwells at one time
- Compact design, easy to use on site or in lab
- Beep-signal/Stop after program completed

### PIPETTES



- 20-200 $\mu$ L
- Digital display clearly reads volume setting

### POCKET READER



- Use to read Bioeasy Strips
- Connected with Bluetooth
- Available with Android Application
- Data can be Saved or extracted from Android mobile

### MOVING MINI LAB- MILK SAFETY RAPID TEST KIT



## BIOEASY

Shenzhen Bioeasy Biotechnology Co., Ltd, established in 2007, is a high-tech enterprise engaged in Food safety, Clinical diagnosis, public safety. As a member of the AOAC (Association of Official Analytical Chemists) and IAFP (International Association for Food Protection), the products from Bioeasy are very reliable and reaching more than 100 countries to protect and improve the global food chain.