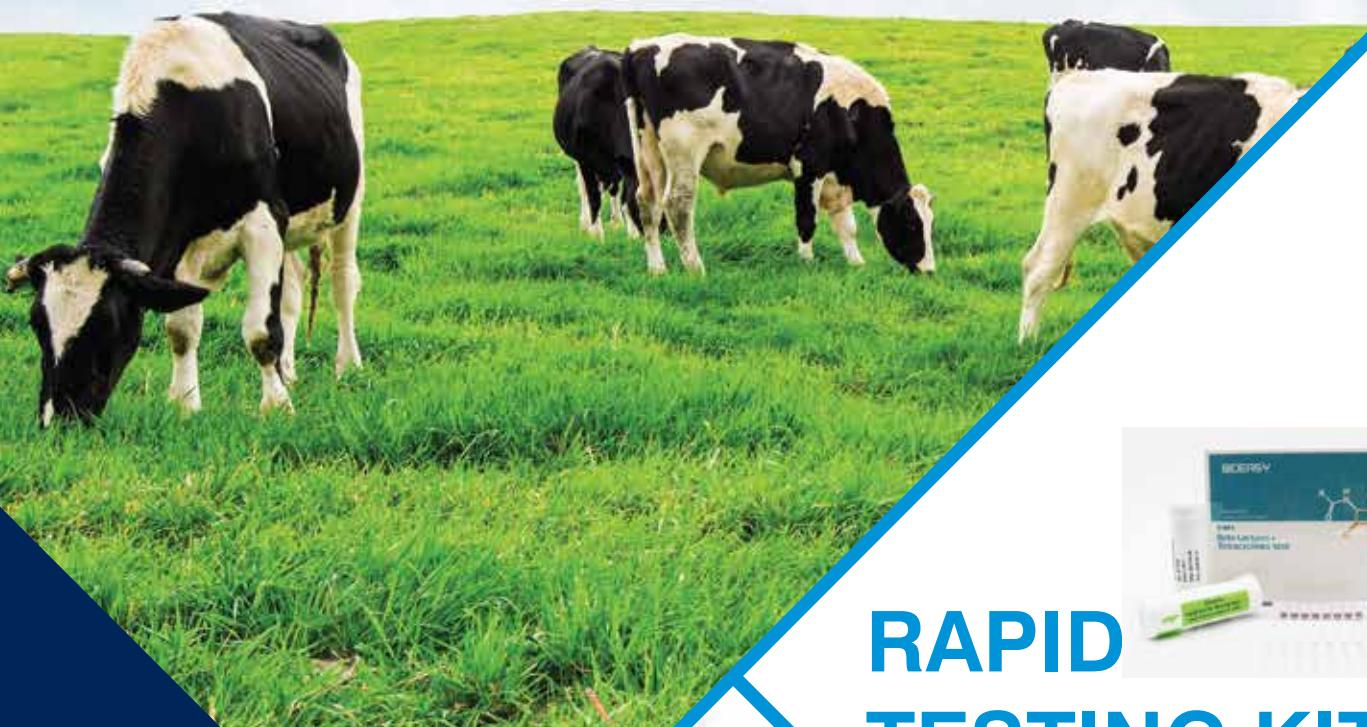


MILK SAFETY

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

HOW TO USE



Take 200 μ sample and mix

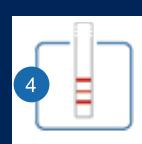


Incubate 3 min at 40°



Place Test Strip

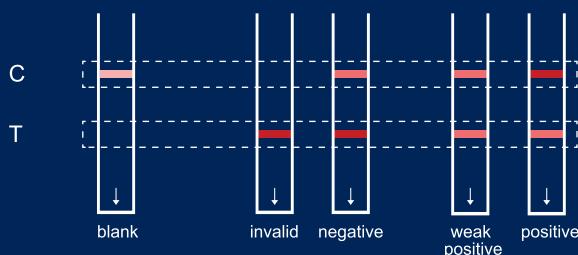
40° 3 min



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

SINGLE

Beta-lactams

Tetracyclines

Goat Milk Adulteration

Sulphyrine/Dipyrone/Metamizole

Trimethoprim

Chloramphenicol

Dexamethasone

Gentamicin

Fluoroquinolones

Aflatoxin M1

Sulfonamides

Melamine

Beta-lactamase

Certification & Validation



Antibiotics in Milk

Beta-lactams

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

Antibiotics	LOD	Antibiotics	LOD
Penicillin-G	1.5-2	Cefacetrile	20-40
Ampicillin	3-4	Cephapirin	8-15
Amoxicillin	3-4	Cefalonium	6-12
Oxacillin	8-12	Cefazolin	50-70
Nafcillin	20-35	Ceftiofur	80-100
Cloxacillin	6-10	Cefquinome	12-18
Dicloxacillin	6-12	Cefoperazone	2-4
Piperacillin	6-12	Cefalotin	30-50
Cephalexin	500-600		

Antibiotics in Milk

Beta-lactams

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

Antibiotics	LOD	Antibiotics	LOD
Penicillin-G	1.5-2	Cefacetrile	20-25
Ampicillin	2-3	Cefalonium	3-5
Amoxicillin	2-3	Cefazolin	15-20
Oxacillin	5-7	Ceftiofur	80-100
Cloxacillin	3-6	Cefoperazone	3-5
Dicloxacillin	3-6	Cephapirin	5-8
Nafcillin	8-10	Cefquinome	5-7

Sulfonamides

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

Antibiotics	LOD	Antibiotics	LOD
Sulfamethazine	15-25	Sulfamerazine	4-8
Sulfapyridine	10-30	Sulfamehtoxypyridazine	20-40
Sulfaphenazolum	20-40	Sulfadimethoxine	12-24
Sulfamethoxazole	3-6	Sulfathiazole	2-5
Sulfachloropyridazine	8-16	Sulfamonomethoxine	2-4
Sulfadiazine	2-5	Sulfapyrazole	80-100
Sulfadimethoxypyrimidine	1.5-4	Sulfamoxole	30-50
Sulfadoxine	80-100	Sulfisoxazole	80-100

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

Tetracyclines

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

Antibiotics	LOD	Antibiotics	LOD
Tetracycline	30-40	Oxytetracycline	30-40
Chlorotetracycline	30-40	Doxycycline	30-40

Tetracyclines

Antibiotics	LOD	Antibiotics	LOD
Chlorotetracycline	7-10	Oxytetracycline	7-10
Doxycycline	7-10	Tetracycline	7-10

Streptomycin

Antibiotics	LOD	Antibiotics	LOD
Streptomycin	30-40	Dihydrostreptomycin	50-60

Chloramphenicol

Antibiotics	LOD
Chloramphenicol	0.2-0.3

Melamine in Milk

Cat.No	Antibiotics	Sensitivity	Spec	Test Method
YRFM1C03-10	Melamine Rapid Test for Milk	8-10ppb	96T	3+5 min 40±2°C
YRM1003-50	Melamine Rapid Test for Milk	30-50ppb	96T	3+3 min 40±2°C
YRM1003-100	Melamine Rapid Test for Milk	80-100ppb	96T	3+3 min 40±2°C

Aflatoxin in Milk

Cat.No	Antibiotics	Sensitivity	Spec	Test Method
YRM1004-2	Aflatoxin m1Rapid Test for Dairy Products	0.5ppb	96T	3+6 min 40°C
YRM1004-0.05	Aflatoxin M1Rapid Test for Milk	0.04-0.05ppb	96T	2+8 min 40°C
YRM1004-0.2	Aflatoxin M1 Rapid Test for Milk	0.2-0.3ppb	96T	3+4 min 40°C
YRM1004-0.5Q	Aflatoxin M1Rapid Test for Milk	0.5ppb	96T	2+5 min room temp.
YRM1004-1	Aflatoxin M1Rapid Test for Milk	0.08-0.1ppb	96T	3+4 min 40°C
YRM1004-3	Aflatoxin M1Rapid Test for Milk	0.3-0.4ppb	96T	3+4 min 40°C
YRM1004D-1	Aflatoxin M1 Quantitative	150-600 ppt	96T	2+12 mins 40±2°C

OPTIONAL DEVICES

PIPETTES



- 20-200µL
- Digital display clearly reads volume setting

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

MINI INCUBATOR



- LCD Display
- Easy to set-up and use
- Maximum incubate 32 microwells at one time
- Compact design, easy to use on site or in lab
- Beep-Signal/ Stop after program completed

TEST STRIP 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

POCKET READER



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

MOVING MINI LAB- MILK SAFETY RAPID TEST KIT

