

MicroTUS

INTERNATIONAL BIOTECHNOLOGY CO. LTD.

A circular icon with a pink background. It features illustrations of various food items including strawberries, a slice of cake, and a glass of milk.


**FOOD
DIAGNOSTIC**

A circular icon with a purple background. It features silhouettes of various farm animals including a cow, a sheep, and a pig.

**ANIMAL
DIAGNOSTIC**

A circular icon with a brown background. It features illustrations of dairy products including a pitcher of milk, a bowl of yogurt, and a slice of cheese.

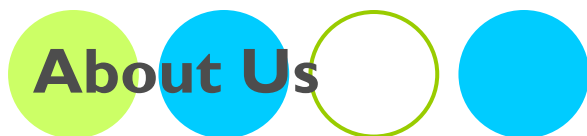
**DAIRY
ANTIBIOTIC
SCREENING**

A circular icon with a green background. It features a silhouette of a cow.

**COW-PREG
EARLY
DIAGNOSTIC**

A circular icon with a yellow background. It features illustrations of several jars of honey.

**HONEY
ANTIBIOTIC
SCREENING**



MicroTUS International Biotechnology Co. Ltd is an innovative leader company with a unique goal to serve the bio-industry. We are global provider of Specialized products ranging from customized reagents, lab consumable solutions, and food diagnostics. We aim to produce and distribute products that are easy to use, cost-effective, friendly to users and the environment.

HISTORY

Founded in 2007; its main business was to serve the bioresearch industry, life sciences, medical research and agriculture. Products produced employ testing methods include protein expression detection, antigen and antibody development, chemical analyses, and immunochromatographic assays such as rapid test kits and ELISA kits. The company is very developed in the domestic Chinese market.

In 2010, MicroTUS launched its international department, and it has collaborated with international laboratories in the North America, Europe, Asia and the

Pacific. So far, MicroTUS's market has been associated with the development of 5-in-1 Rapid test kits for both animal and food diagnostics, laboratory supplies, and consumables.

TEAM

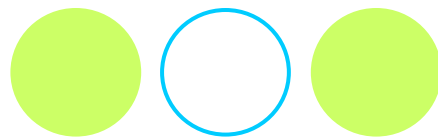
Founded by ambitious and full oriented scientists and managers in the biotechnology industry from USA and China. Scientists are graduates from accredited colleges of their respective countries. The managing directors have scientific backgrounds that include but are not limited to animal sciences, clinical and veterinary sciences, applied biotechnology, environmental sciences, genetics, biological sciences, and/or finance.

VISION

We visualize the world in the future. The people, animals, medicines and the food we intake should be healthy, immeasurably close to the natural; of course, for now this is an ideal concept. That's why MicroTUS is willing to join the majority of open-minded persons and strive for the fulfillment of this concept.

AIMS

We aim to produce and distribute products that are easy-to-use, cost-effective, and friendly to users and the environment.



Product Range

ANIMAL RAPID TEST

Canine Rapid Test	Porcine Rapid Test
Cow Pregnancy Rapid Test	Poultry Rapid Test
Goat Rapid Test	

DAIRY RAPID TEST

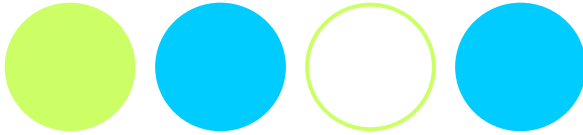
BLQ	BTC	NeoQ
CapQ	SulQ	StrepQ
GenTQ	KanaQ	QNS
ErythQ	LinCQ	ThiamPQ
MelaQ	SpecTQ	AFMI
AFMI0.3	AFMI0.5	TyloQ
TCs	TresQ	TriQ

FOOD RAPID TEST

Cereal	Oil
Meat	Pesticide
Mycotoxins	Sea Food

HONEY RAPID TEST

AHD	QNS
AMTZ	SAs
AOZ	SEM



Animal (Canine) Diagnostic

Name of Product	Specification	Storage/	Reactive Mode
Canine Distemper Virus (CDV) Antigen Rapid Test Card (Colloidal Gold)	50T/Cassette	Room Temperature	Eye mucus, Saliva, Serum, Urine, Plasma
Canine Rabies Virus (RBV) Antigen Rapid Test Card (Colloidal Gold)	50T/Cassette	Room Temperature 5-10mins	Saliva, Serum
Canine Parvovirus (CPV) Antigen Rapid Test Card (Colloidal Gold)	50T/Cassette	Room Temperature 5-10mins	Excrement, Rectum, Vomit, Saliva

Product Information

The Canine Rapid Test kit is a colloidal gold immunoassay method, a sample is added to sample hole, and sample with colloidal gold markers will flow along the mobile marker of nitrocellulose membrane. If the sample contains Canine virus Antibody, Antibody then binds to the antigen and the detection of colloidal gold marker will display purple lines, if the sample does not contain Canine virus antibody it does not produces color reaction.

SAMPLE: The test kit is only for serum/ whole blood sample

TEST METHOD LIMITATION: This test is used only for the quantitative detection of animal virus antibodies, assessment of antibodies through the shades of test color line.

STORE: Normal temperature (2-30 °C). Shelf life of 24months

Product Features

- One step assay
- 10 minutes result
- Odorless and Qualitative Diagnosis
- 98% Accuracy

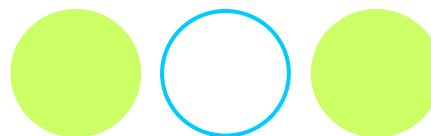
Materials Provided

Each Animal Diagnostic (Canine) is placed in a box, each box has 100/50/40 test sealed in foil pouch and match with diluents buffer.

Each pouch contains:

1. Canine test cassette/card.
2. Desiccant
3. Sample dropper





Cow-Preg Diagnostic

Name of Product	Specification	Storage/Reactive Mode	Reactive Mode
Cow Pregnancy Test Kit (CowPreg)	100/Cassette	Room Temperature 5-10mins	Milk
Cattle Pregnancy Test Kit (CattlePreg)	100/Strips	Room Temperature 5-10mins	Milk

Product Information

Dairy cow breeder's aim is to improve milk production and to shorten the non-production period. Breeders desire to have a simple method and in-situ products that they can use to meet this goal that is why, Researchers of MicroTUS have developed a simple, easy, effective and cost effective method for rapid diagnosis of cow's pregnancy.

This method can shorten the empty period production and can help breeders to increase breeding, improve economic benefit and to manage the entire breeding cost.

PRODUCT PRINCIPLE: It is based on the changes of progesterone concentration during the cow estrous cycle, the detection of progesterone concentration is to determine whether the dairy cow is pregnant or not.

PRODUCT FEATURES: High accuracy, simple operation, rapid detection, at room temperature storage, in-situ/easy to carry with especially in the farm and without any harmful effect to cow matrix and fetus.

SCOPE AND APPLICATION: The test is used to detect the early pregnancy stage of dairy cow, guiding artificial fertilization at the right time and re-examine of dairy cows health.

Dairy Cow Ovulation Test Strips

A glycoprotein hormone called Luteinizing Hormone (LH) is one of the main factors to induce ovulation.

The LH in blood, urine and milk will gradually rise before the ovulation. After the LH 12-24 hour peak, ovulation will occur. Pregnancy test kit can reduce the empty pregnancy rate and feeding cost and improve economic growth without any harmful effect.

DETECTION PRINCIPLE: Tracking LH peak can predict ovulation, provide accurate reference data for farmer.

APPLICATION: Tracking cow's ovulation, at the best time to conduct insemination, which can effectively improve cow's pregnancy rate.

STORE: at Normal temperature (2-30 °C).

Shelf life of 24months

Product Features

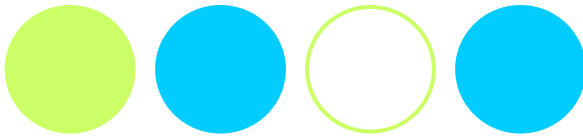
- One step assay
- 10 minutes result
- Odorless and Qualitative Diagnosis
- 98% Accuracy

Materials Provided

Each Pregnancy Kit (Canine) is placed in a box, each box has 100/50/40 test sealed in foil pouch and match with kit instruction.

Each pouch contains:

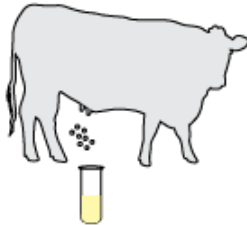
1. Cow-Preg test cassette/strip
2. Desiccant
3. Sample dropper



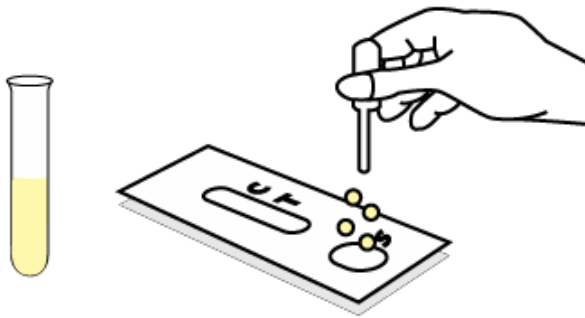
Test Procedure (Test Card)

1. Take whole fresh milk to test its progesterone level.
 ****In order to get reliable result, give up the first three milking
 and then collect sample milk around 5-10ml. ****

2. Take out the test cassette and milk dropper from the foil pouch.

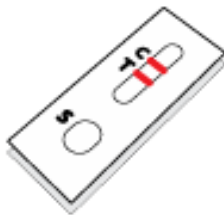


3. Use milk dropper to withdraw milk sample from the specimen cup
 and dispense 3-4 drops into the circular sample well of the test cassette.

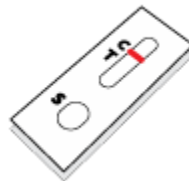


4. Look at the result window for the
 result. Read results in 5 minutes

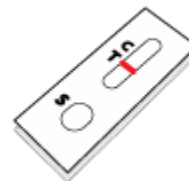
How to read the result?



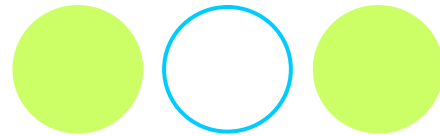
For Positive result:
 Two red Line appears



For negative result:
 One red Line appears

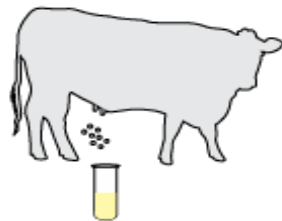


Invalid result:
 Only the Test line appears

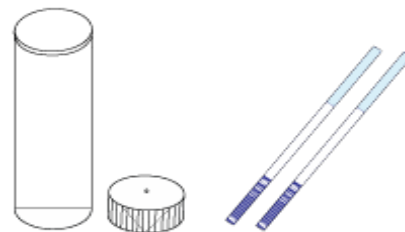


Test Procedure (Test Strip)

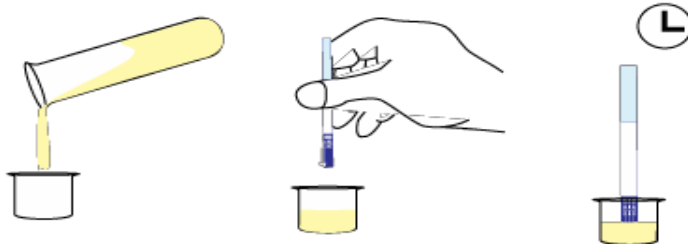
1. Take whole fresh milk to test its progesterone level.
****In order to get reliable result, give up the first three milking and then collect sample milk around 5-10ml. ****



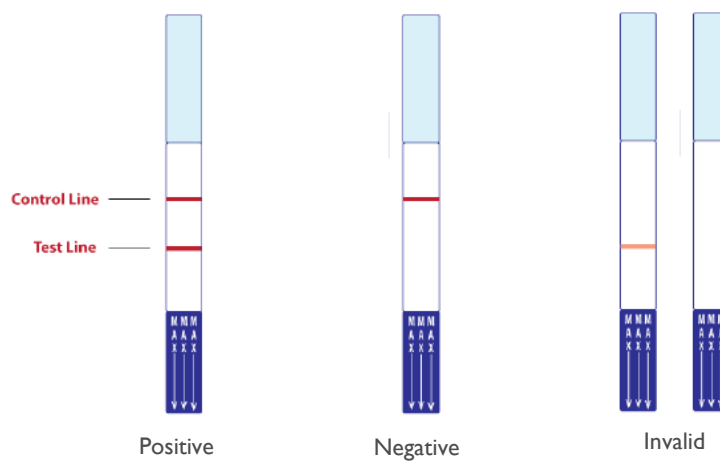
2. Take one tube from the box, and take out desired number of test strip to be performed.

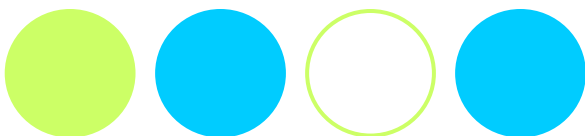


3. Use provided sample cup for the test, and insert the test strip into the cup.
Wait for 5 minutes to read the result.



How to read the result?





Animal (Goat) Diagnostic

Name of Product	Specification	Storage/Reactive Mode	Reactive Mode
Goat Fever Virus (GFV) Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Goat Reproductive and Respiratory Syndrome Virus (GRRSV) Rapid Test Card	50T / Cassette	Room Temperature 10mins	Serum
Goat Foot and Mouth Disease Virus (GMD) Rapid Test Card	50T / Cassette	Room Temperature 10mins	Serum
Goat pseudorabies (GRV) virus Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Goat Circovirus (GCV) Antibody Rapid Test Card	50T / Cassette	Room Temperature 10mins	Serum

Product Information

The Goat Rapid Test kit is a colloidal gold immunoassay method, a sample is added to sample hole, and sample with colloidal gold markers will flow along the mobile marker of nitrocellulose membrane. If the sample contains Goat virus Antibody, Antibody then binds to the antigen and the detection of colloidal gold marker will display purple lines, if the sample does not contain Goat virus antibody it does not produce color reaction.

SAMPLE: The test kit is only for serum/ whole blood sample

TEST METHOD LIMITATION: This test is used only for the quantitative detection of animal virus antibodies, assessment of antibodies through the shades of test color line.

STORE: Normal temperature (2-30 °C). Shelf life of 24months

Product Features

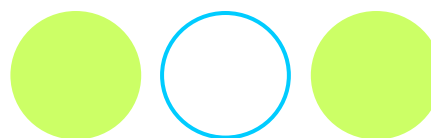
- One step assay
- 10 minutes to result
- Odorless and Qualitative Diagnosis
- 98% Accuracy

Materials Provided

Each Animal Diagnostic (Goat) is placed in a box, each box has 100/50/40 test sealed in foil pouch and match with kit instruction.

Each pouch contains:

1. Goat test cassette/card.
2. Desiccant
3. Sample dropper



Animal (Porcine) Diagnostic

Name of Product	Specification	Storage/Reactive Mode	Reactive Mode
Classical Swine Fever Virus (CSFV) Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Porcine Reproductive & Respiratory Syndrome Virus (PRRSV) antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Porcine Foot & Mouth Disease Virus (FMD) Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Porcine Pseudorabies (PRV) virus Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Porcine parvovirus (PPV) antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Porcine Japanese encephalitis virus (JEV) antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Porcine Toxoplasma (TOX) Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Porcine Circovirus (PCV) Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum

Product Information

The Porcine Rapid Test kit is a colloidal gold immunoassay method, a sample is added to sample hole, and sample with colloidal gold markers will flow along the mobile marker of nitrocellulose membrane. If the sample contains porcine virus Antibody, Antibody then binds to the antigen and the detection of colloidal gold marker will display purple lines, if the sample does not contain porcine virus antibody it does not produces color reaction.

SAMPLE: The test kit is only for serum/ whole blood sample

TEST METHOD LIMITATION: This test is used only for the quantitative detection of animal virus antibodies, assessment of antibodies through the shades of test color line.

STORE: Normal temperature (2-30 °C). Shelf life of 24months

Product Features

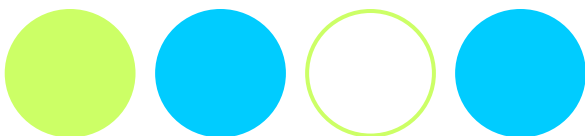
- One step assay
- 10 minutes to result
- Odorless and Qualitative Diagnosis
- 98% Accuracy

Materials Provided

Each Animal Diagnostic (Porcine) is placed in a box, each box has 100/50/40 test sealed in foil pouch and match with kit instruction.

Each pouch contains:

1. Porcine test cassette/card.
2. Desiccant
3. Sample dropper



Animal (Poultry) Diagnostic

Name of Product	Specification	Storage/Reactive Mode	Reactive Mode
Chicken Newcastle Disease Virus Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Chicken Avian influenza virus antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Avian Influenza Virus H5 antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Avian Influenza Virus H7 Antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Avian Influenza Virus H9 antibody Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum
Chicken Avian influenza virus antigen Rapid Test Card (Colloidal Gold)	50T / Cassette	Room Temperature 10mins	Serum

Product Information

INTENDED APPLICATION: The test is used for detecting Avian Influenza virus antibody in Avian serum, can be used to Avian Influenza virus vaccine immunization effect assessment or auxiliary diagnosis

PRINCIPLE: The kit is a competitive colloidal gold immunoassay method, sample is added into sample hole, sample with colloidal gold markers will move along nitrocellulose filter membrane markers. If the sample exist AIV Antibody, Antibody with colloidal gold marker will compete AIV antigen and not display purple lines, if the sample does not exist AIV antibody ,will display color reaction.

SAMPLE: The test kit is only for serum/ whole blood sample

TEST METHOD LIMITATION: This test is used only for the quantitative detection of animal virus antibodies, assessment of antibodies through the shades of test color line.

STORE: Normal temperature (2-30 °C). Shelf life of 24months

Product Features

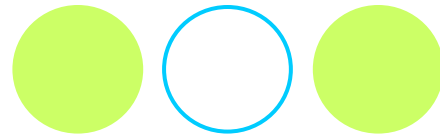
- One step assay
- 10 minutes to result
- Odorless and Qualitative Diagnosis
- 99% Accuracy

Materials Provided

Each Animal Diagnostic (Poultry) is placed in a box, each box has 100/50/40 test sealed in foil pouch and match with kit instruction.

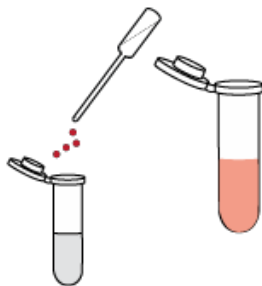
Each pouch contains:

1. Poultry test cassette/card.
2. Desiccant
3. Sample dropper

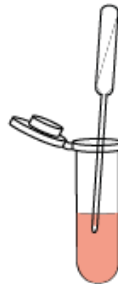


Test Procedure (All Animal Diagnostic)

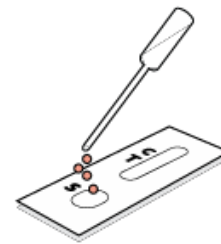
Prepare serum or blood sample
Add blood or serum into diluent buffer



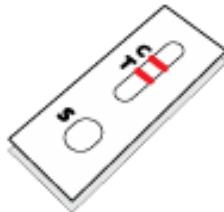
Stir well to mix sample into diluent buffer
Use dropper to withdraw sample



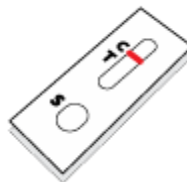
Drop 3-4 into the sample hole
And wait for 5 minutes to read the result



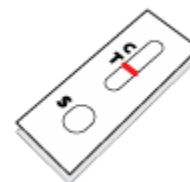
How to read the result?



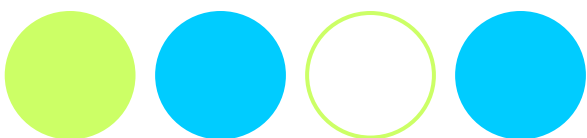
For Positive result:
Two red Line appears



For negative result:
One red Line appears

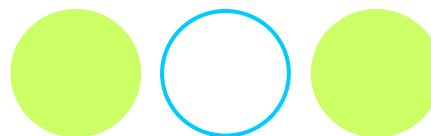


Invalid result:
Only the Test line appears



Dairy Diagnostic

Name of Product	Specification	Range of Usage	Kit Sensitivity ppb/ppt	Storage/ Reactive Mode
Beta-lactam (BLQ) Rapid Test kit	96 Strips/Box	Milk	4	2-8°C-5-7mins
Beta-lactam+Tetracycline (BTC) Rapid Test kit	96 Strips/Box	Milk	4/100	2-8°C-5-7mins
Neomycin (NeoQ) Rapid Test Kit	96 Strips/Box	Milk	200	2-8°C-5-7mins
Chloramphenicol (CapQ) Rapid Test Kit	96 Strips/Box	Milk	0.1/0.3	2-8°C-5-7mins
Sulfonamide (SulQ) Rapid Test Kit	96 Strips/Box	Milk	5/100	2-8°C-5-7mins
Streptomycin (StrepQ) Rapid Test Kit	96 Strips/Box	Milk	200	2-8°C-5-7mins
Gentamycin (GenTQ) Rapid Test Kit	96 Strips/Box	Milk	100/200	2-8°C-5-7mins
Kanamycin (KanaQ) Rapid Test Kit	96 Strips/Box	Milk	150	2-8°C-5-7mins
Quinolones (QNS) Rapid Test Kit	96 Strips/Box	Milk	20/50	2-8°C-5-7mins
Erythromycin (ErythQ) Rapid Test Kit	96 Strips/Box	Milk	10	2-8°C-5-7mins
Lincomycin (LinCQ) Rapid Test Kit	96 Strips/Box	Milk	20/120	2-8°C-5-7mins
Thiamphenicol (TPCQ) Rapid Test Kit	96 Strips/Box	Milk	5	2-8°C-5-7mins
Melamine (MelaQ) Rapid Test Kit	96 Strips/Box	Milk	200	2-8°C-5-7mins
Spectinomycin (SpecTQ) Rapid Test Kit	96 Strips/Box	Milk	50/100	2-8°C-5-7mins
Aflatoxin M1 (AFM1) Rapid Test Kit	96 Strips/Box	Milk	50 ppt	2-8°C-5-7mins



Dairy Diagnostic

Name of Product	Specification	Range of Usage	Kit Sensitivity ppb/ppt	Storage/ Reactive Mode
Aflatoxin M1 (AFM10.3) Rapid Test Kit	96 Strips/Box	Milk	0.3	2-8°C-5-10mins
Aflatoxin M1 (AFM10.5) Rapid Test Kit	96 Strips/Box	Milk	0.5	2-8°C-5-10mins
Tylosin (TyloQ) Rapid Test Kit	96 Strips/Box	Milk	100	2-8°C-5-10mins
Tetracycline (TCQ) Rapid Test Kit	96 Strips/Box	Milk	4/100	2-8°C-5-10mins
Beta-lactam+Tetracycline+Sulfanamide (TresQ)	96 Strips/Box	Milk	4/100	2-8°C-5-7mins
Beta-lactam+Tetracycline+Streptomycin (TriQ)	96 Strips/Box	Milk	4/100	2-8°C-5-7mins
Beta-lactam+Tetracycline+Chloramphenicol+Streptomycin (Dairy QuadroBiotic BTCStrep)	96 Strips/Box	Milk	2/10	2-8°C-5-7mins

Product Information

INTENDED APPLICATION: The test is used for detecting Antibiotic group in dairy.

PRINCIPLE: The kit is a competitive colloidal gold immunoassay method that detects Antibiotic group in Dairy products especially in milk. A sample is added into sample hole, if there is a presence of Antibiotic in samples, it will combine with marked antibodies, preventing the marked antibodies from combining the Antibiotic antigens of NC nitrocellulose membrane.

SAMPLE: The test kit is only for raw commingles fresh milk

TEST METHOD LIMITATION: This test is used only for the quantitative detection of antibiotic residues in food, assessment of antibodies through the shades of test color line.

STORAGE CONDITION: at (2-8 °C) in dry environment. Shelf life of 12months

Product Features

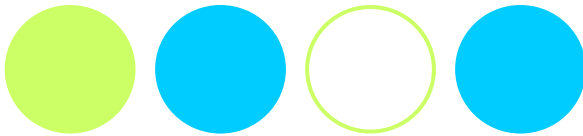
- One step assay
- 3-5 minutes to result
- Odorless and Qualitative Diagnosis
- 99% Accuracy

Materials Provided

Each Dairy Diagnostic is placed in a box, each box has 12 tubes with 8 strips each and match with kit sample dropper and micro-well tray.

Each tube contains:

1. 8 Dairy Test Strip
2. Desiccant
3. Sample well

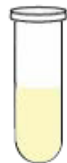


Test Procedure (Dairy Diagnostic)

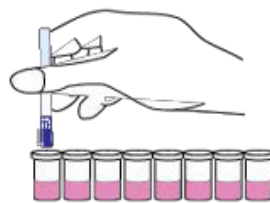
Prepare Milk sample be sure the raw commingled milk and test kit is at room temperature

Take one Tube from the box, open tube and take out decided number of test to be perform

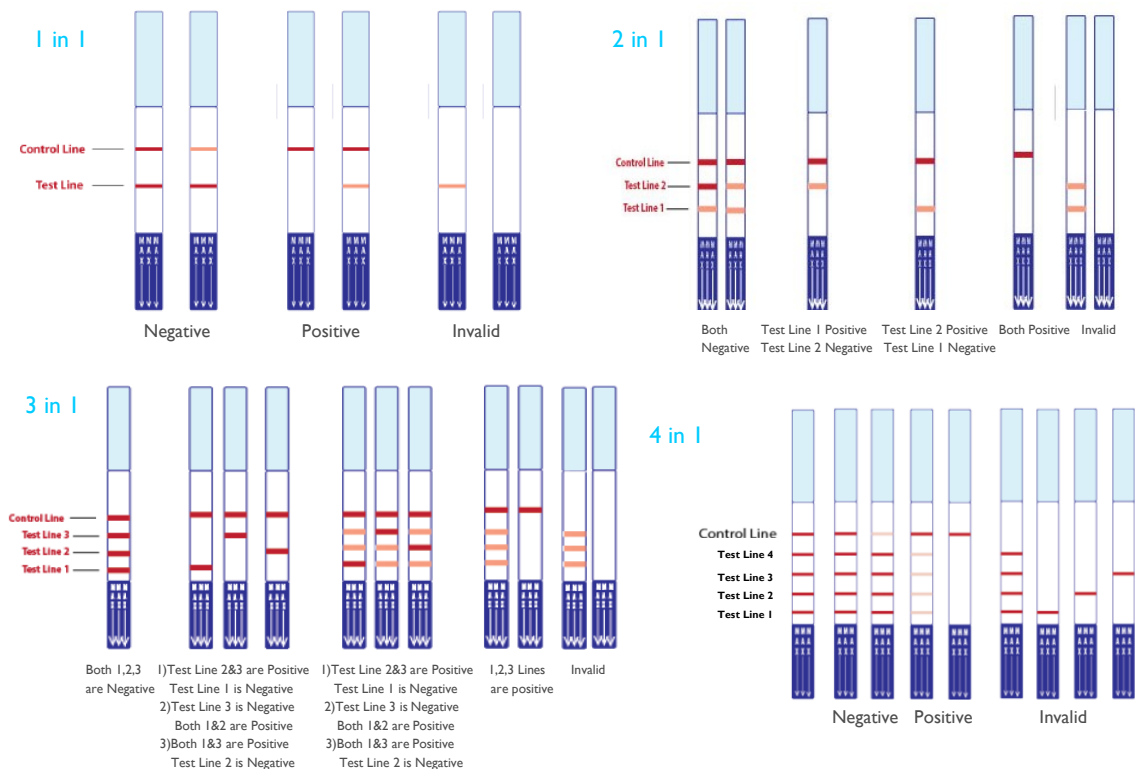
Take the milk sample, drop 200ul (about 4-5 drops) into the sample-well, and thoroughly dissolve the milk with reagents for 30 seconds minutes till the milk presents pink color

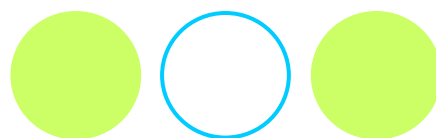


Insert the test strip into the sample-well, read the results after 5 minutes.



How to read the result?





Food (Cereal) Diagnostic

Name of Product	Specification	Range of Usage	Kit Sensitivity ppb/ppt	Reactive Mode
Clenbuterol (Cle) Rapid Test Card (Colloidal Gold)	40T / Cassette	Cereal	0.1	Room Temperature 5-8mins
Salbutamal (Sal) Rapid Test Card (Colloidal Gold)	40T / Cassette	Cereal	0.5	Room Temperature 3-5mins
Cle-Rac-Sal Rapid Test Card (Colloidal Gold)	40T / Cassette	Cereal	0.5	Room Temperature 3-5mins
Ractopamine(Rac) Rapid Test Card (Colloidal Gold)	40T / Cassette	Cereal	0.5	Room Temperature 3-5mins
Zearalenone (ZEN) Rapid Test Card (Colloidal Gold)	40T / Cassette	Cereal	0.5	Room Temperature 3-5mins
Deoxynivalenol(DON) Rapid Test Card (Colloidal Gold)	40T / Cassette	Cereal	20	Room Temperature 8-10mins
Aflatoxin BI (AFBI)Rapid Test Card (Colloidal Gold)	40T / Cassette	Cereal	2	Room Temperature 8-10mins

Product Information

INTENDED APPLICATION: The test is used for detecting Antibiotic group in meat, oil, cereals and seafood.

PRINCIPLE: The kit is a competitive colloidal gold immunoassay method. Sample is added to sample hole, if there is Antibiotic in samples, it will combine with marked antibodies, preventing the marked antibodies from combining the Antibiotic antigens of NC nitrocellulose membrane.

SAMPLE: The test kit is only for Cereal

TEST METHOD LIMITATION: This test is used only for the quantitative detection of antibiotic residues in food, assessment of antibodies through the shades of test color line.

STORAGE CONDITION: at (2-30 °C) in dry environment. Shelf life of 12months

Product Features

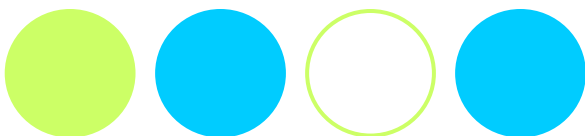
- One step assay
- 3-5 minutes to result
- Odorless and Qualitative Diagnosis
- 99% Accuracy

Materials Provided

Each Food (Cereal) Diagnostic is placed in a box, each has 100/50/40 test sealed in foil pouch and match with kit instruction.

Each pouch contains:

1. Cereal test cassette/card
2. Desiccant
3. Sample dropper



Food (Oil) Diagnostic

Name of Product	Specifica- tion	Range of Usage	Kit Sensitivity ppb/ppt	Reactive Mode
Zearalenone (ZEN) Rapid Test Card (Colloidal Gold)	50T / Cassette	Vegetable Oil / Seed Oil	0.1-10	Room Tempera- ture 8-10mins
Deoxynivalenol (DON) Rapid Test	50T / Cassette	Vegetable Oil / Seed Oil	0.1-20	Room Tempera- ture 8-10mins

Product Information

INTENDED APPLICATION: The test is used for detecting Antibiotic group in meat, oil, cereals and seafood.

PRINCIPLE: The kit is a competitive colloidal gold immunoassay method. Sample is added to sample hole, if there is Antibiotic in samples, it will combine with marked antibodies, preventing the marked antibodies from combining the Antibiotic antigens of NC nitrocellulose membrane.

SAMPLE: The test kit is only for Vegetable oil, Seed oil

TEST METHOD LIMITATION: This test is used only for the quantitative detection of antibiotic residues in food, assessment of antibodies through the shades of test color line.

STORAGE CONDITION: at (2-30 °C)
in dry environment. Shelf life of 12months

Product Features

- One step assay
- 5-10 minutes to result
- Odorless and Qualitative Diagnosis
- 99% Accuracy

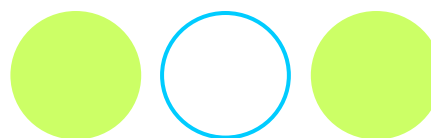
Materials Provided

Each Food (Oil) Diagnostic is placed in a box, each has 100/50/40 test sealed in foil pouch and match with sample diluents solution.

Each pouch contains:

1. Oil test cassette/card
2. Desiccant
3. Sample dropper





Food (Seafood) Diagnostic

Name of Product	Specification	Range of Usage	Kit Sensitivity ppb/ppt	Reactive Mode
Beta-lactam (SeaF-BL)	50 Cassette	Seafood (Meat)	4	Room Temperature
Tetracycline (SeaF-Tetra)	50 Cassette	Seafood (Meat)	5	Room Temperature
Quinolone (SeaF- Quin)	50 Cassette	Seafood (Meat)	3	Room Temperature
Chloramphenicol (SeaF-Ch)	50 Cassette	Seafood (Meat)	0.3	Room Temperature
Malachite Green (SeaF-MG)	50 Cassette	Seafood (Meat)	1	Room Temperature
Furaltadone (SeaF-Fu)				
Furazolidone	50 Cassette	Seafood (Meat)	1	Room Temperature
Nitrofurantoin				

Product Information

INTENDED APPLICATION: Aqua food is one source to get vitamins and proteins, but some aqua food is stuffed of antibiotic to look fresh and not to get easily spoil. Antibiotic contaminants in aqua foods can't be determine by our naked eye or even by smell, that is why we produce antibiotic safety kits to determine the contaminants in aqua in just a couple of minutes for the safety of consumers

PRINCIPLE: The kit is a competitive colloidal gold immunoassay method. Sample is added to sample hole, if there is Antibiotic in samples, it will combine with marked antibodies, preventing the marked antibodies from combining the Antibiotic antigens of NC nitrocellulose membrane.

SAMPLE: The test kit is only for Seafood/Aqua Tissue-Meat

TEST METHOD LIMITATION: This test is used only for the quantitative detection of antibiotic residues in food, assessment of antibodies through the shades of test color line.

STORAGE CONDITION: at (2-30 °C) in dry environment. Shelf life of 12months

Product Features

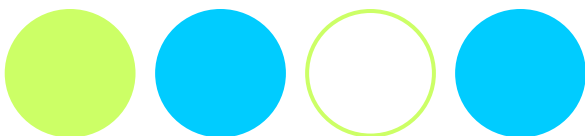
- One step assay
- 5-10 minutes to result
- Odorless and Qualitative Diagnosis
- 99% Accuracy

Materials Provided

Each Food (Aquatic Tissue-Meat) Diagnostic is placed in a box, each has 100/50/40 test sealed in foil pouch and match with sample diluents solution.

Each pouch contains:

1. Aquatic meat test cassette/card
2. Desiccant
3. Sample dropper



Food (Tissue) Diagnostic

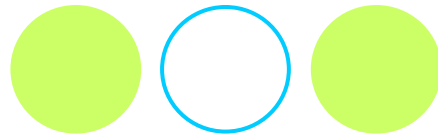
Name of Product	Specification	Range of Usage	Kit Sensitivity ppb/ppt	Reactive Mode
Clenbuterol (Cle) Rapid Test Card (Colloidal Gold)	50 Cassette	(Meat) Tissue	3	Room Temperature 5-10mins
Ractopamine(Rac) Rapid Test Card (Colloidal Gold)	50 Cassette	(Meat) Tissue	3	Room Temperature 5-10mins
Salbutamal (Sal) Rapid Test Card (Colloidal Gold)	50 Cassette	(Meat) Tissue	5	Room Temperature 5-10mins
Cle-Rac-Sal Rapid Test Card (Colloidal Gold)	40 Cassette	(Meat) Tissue	5	Room Temperature 5-10mins
Chloramphenicol (CaP) Rapid Test Card (Colloidal Gold)	40 Cassette	(Meat) Tissue	0.1	Room Temperature 5-8mins
Nitrofurant (AOZ) Rapid Test Card (Colloidal Gold)	40 Cassette	(Meat) Tissue	0.5	Room Temperature 3-5mins
Nitrofurant (SEM) Rapid Test	40 Cassette	(Meat)	0.5	Room Temperature
Nitrofurant (AHD) Rapid Test Card (Colloidal Gold)	40 Cassette	(Meat) Tissue	0.5	Room Temperature 3-5mins
Nitrofurant (AMTZ) Rapid Test Card (Colloidal Gold)	40 Cassettes	(Meat) Tissue	0.5	Room Temperature 3-5mins
Sulfonamides Residues(SAs) Rapid Test Card (Colloidal Gold)	50 Cassettes	(Meat) Tissue	20	Room Temperature 8-10mins
Quinolones(QNS) Rapid Test Card (Colloidal Gold)	50 Cassettes	(Meat) Tissue	2	Room Temperature 8-10mins

Product Information

Rapid Test produces quantitative and qualitative test in a fast and easy way. Laboratory machines are not needed to determine test result, common test in the market are broad such as ELISA, fluorometric test and lateral flow strip for the determination of Antibiotic in food intake especially in Tissue (meat) products.

INTENDED APPLICATION: The test strip is used for detecting Antibiotic in tissue (Meat).

PRINCIPLE: The kit is a competitive colloidal gold immunoassay method. Sample is added to sample hole, if there is Antibiotic in samples, it will combine with marked antibodies, preventing the marked antibodies from combining the Antibiotic antigens of NC nitrocellulose membrane.



Food (Tissue) Diagnostic

If Antibiotic contents in sample solution are greater than detection limit, the test line will not display color reaction (or color is shallower than the control line color), the result is positive; If Antibiotic contents in sample solution are less than detection limit, the test line will display purple (or color is the same as the test line color), the result is negative.

Technique Data Sensitivity 0.1ppb (ng/ml)

Final Detection Limit = Kit Sensitivity X dilution times of sample

Detection Limits : Tissue = 0.2ppb

STORAGE CONDITION: at (2-30 °C) in dry environment. Shelf life of 12months

Product Features

- One step assay
- 15 minutes to result
- Odorless and Qualitative Diagnosis
- 99% Accuracy

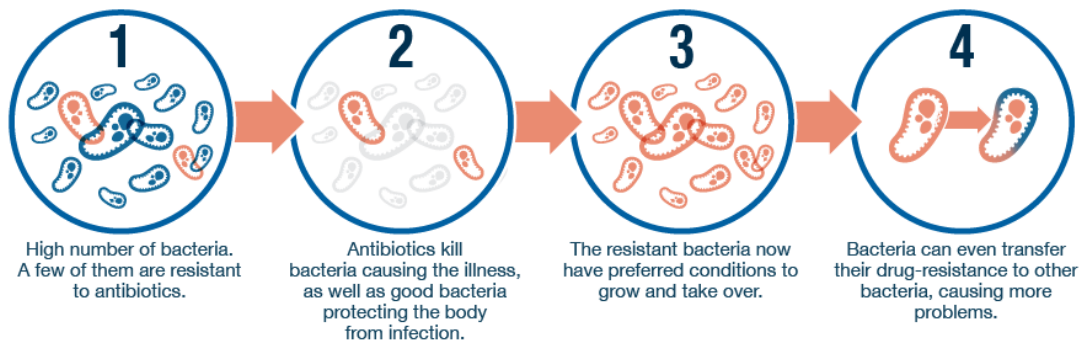
Materials Provided

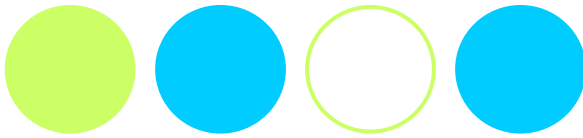
Each Food (Tissue-Meat) Diagnostic is placed in a box, each has 100/50/40 test sealed in foil pouch and match with kit instruction.

Each pouch contains:

1. Meat test cassette/card
2. Desiccant
3. Sample dropper

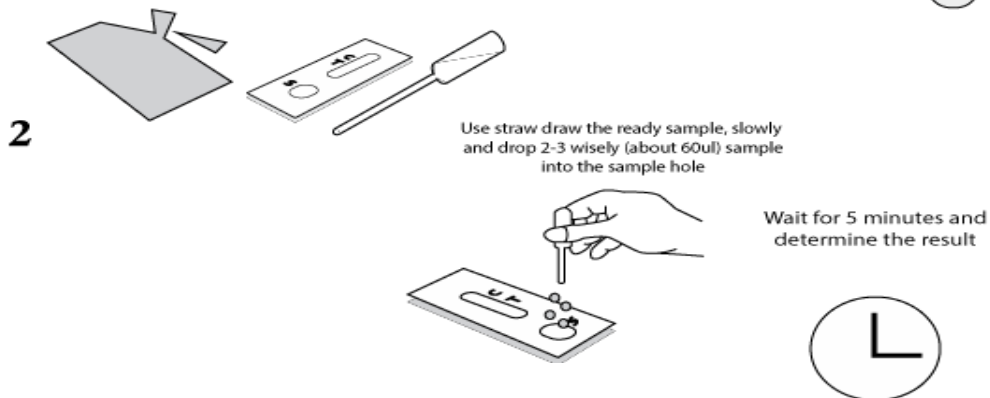
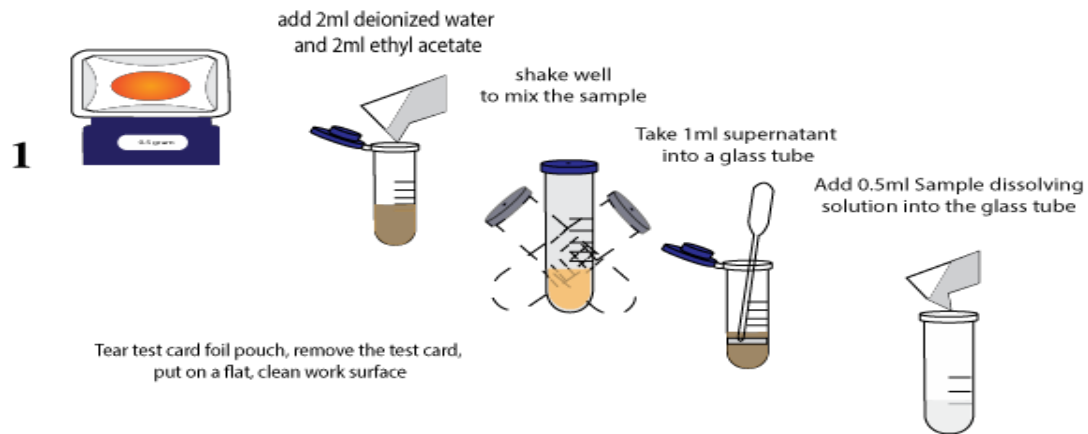
How does antibiotic resistance occur?



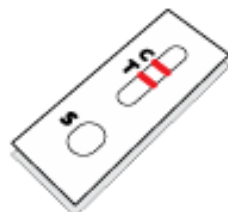


Test Procedure (Meat Tissue, Seafood and Cereal)

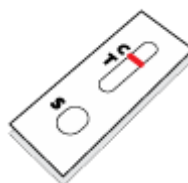
Weight 0.5g crushed homogeneous tissue samples and put into 15 ml centrifuge tube



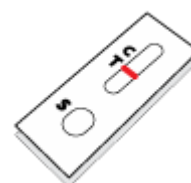
How to read the result?



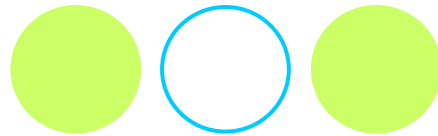
For Negative result:
Two red Line appears



For Positive result:
One red Line appears

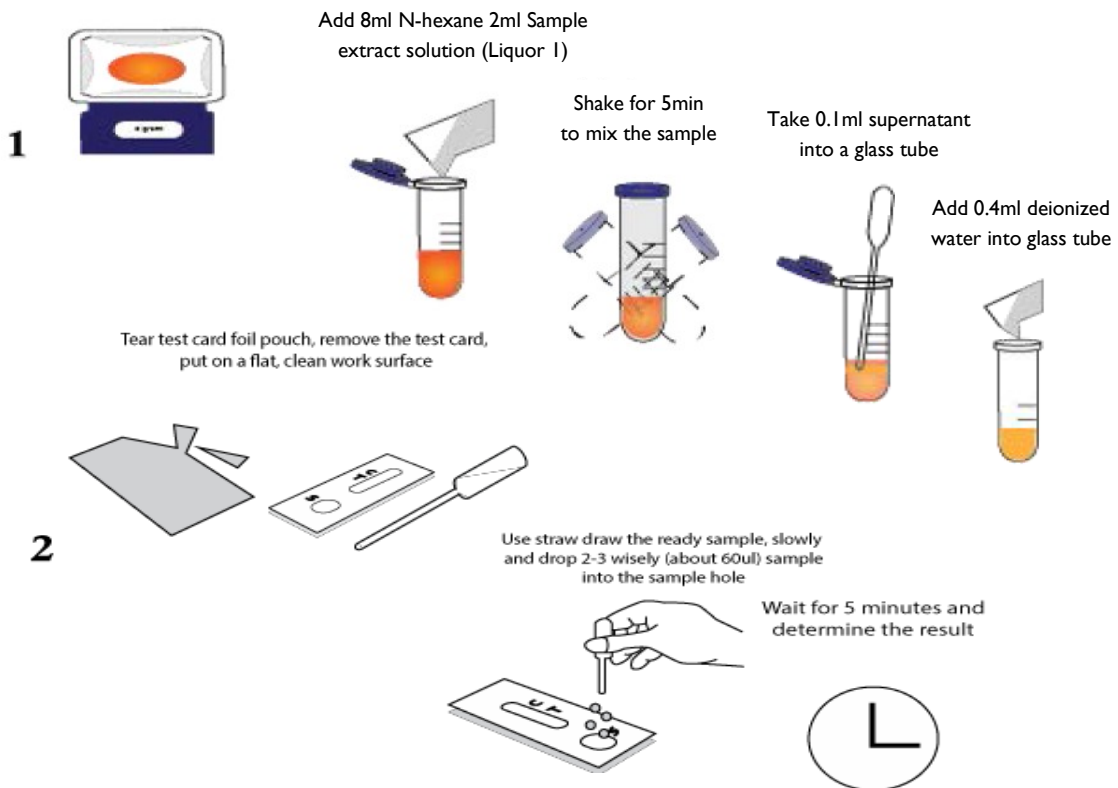


Invalid result:
Only the Test line appears

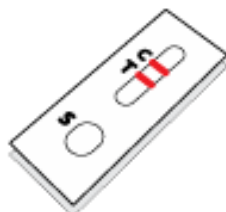


Test Procedure (Oil)

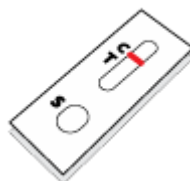
Weight 2g Oil and place into
50ml centrifuge tube



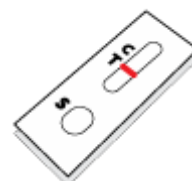
How to read the result?



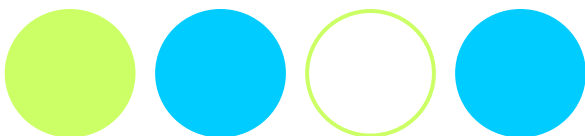
For Negative result:
Two red Line appears



For Positive result:
One red Line appears



Invalid result:
Only the Test line appears



Honey (Diagnostic) Diagnostic

Name of Product	Specification	Range of Usage	Kit Sensitivity ppb/ppt	Reactive Mode
Chloramphenicol (CaP) Rapid Test Card (Colloidal Gold)	50 Cassette	Honey	0.1	Room Temperature 5-8mins
Nitrofurantoin (AOZ) Rapid Test Card (Colloidal Gold)	50 Cassette	Honey	0.5	Room Temperature 3-5mins
Nitrofurantoin (SEM) Rapid Test Card (Colloidal Gold)	50 Cassette	Honey	0.5	Room Temperature 3-5mins
Nitrofurantoin (AHD) Rapid Test Card (Colloidal Gold)	50 Cassette	Honey	0.5	Room Temperature 3-5mins
Nitrofurantoin (AMOX) Rapid Test Card (Colloidal Gold)	50 Cassette	Honey	0.5	Room Temperature 3-5mins
Sulfonamides Residues (SAs) Rapid Test Card (Colloidal Gold)	50 Cassette	Honey	20	Room Temperature 8-10mins
Quinolones(QNS) Rapid Test Card (Colloidal Gold)	50 Cassette	Honey	2	Room Temperature 8-10mins

Product Information

INTENDED APPLICATION: The test is used for detecting Antibiotic group in Honey Syrup

PRINCIPLE: The kit is a competitive colloidal gold immunoassay method. Sample is added to sample hole, if there is Antibiotic in samples, it will combine with marked antibodies, preventing the marked antibodies from combining the Antibiotic antigens of NC nitrocellulose membrane.

SAMPLE: The test kit is only for Honey sample

STORAGE CONDITION: at (2-30 °C) in dry environment. Shelf life of 12months

Product Features

- One step assay
- 15 minutes to result
- Odorless and Qualitative Diagnosis
- 99% Accuracy

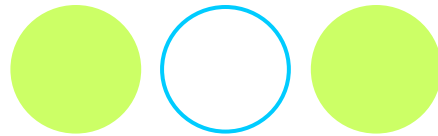
Materials Provided

Each Honey Diagnostic kit is placed in a box, each has 100/50/40 test sealed in foil pouch and match with diluents buffer.

Each pouch contains:

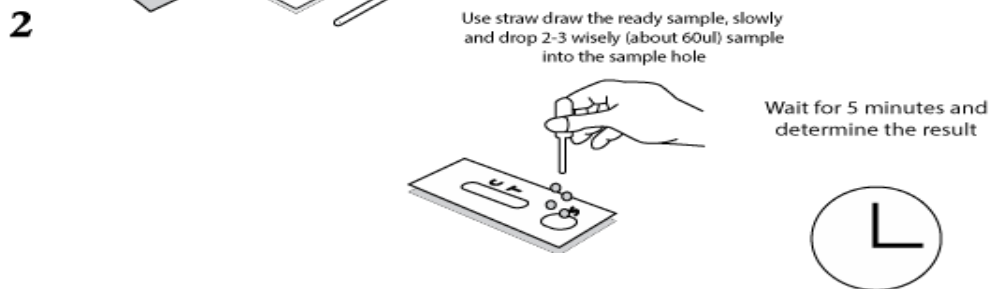
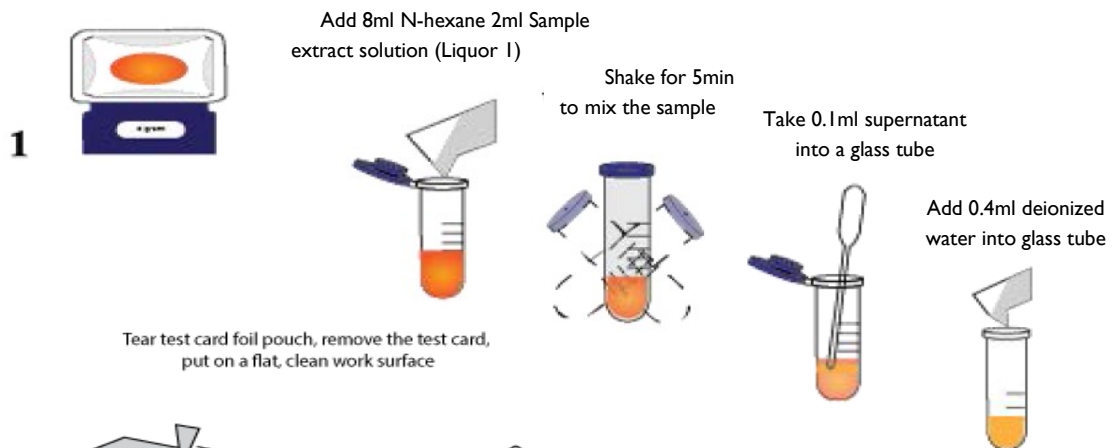
1. Honey test cassette/card
2. Desiccant
3. Sample dropper



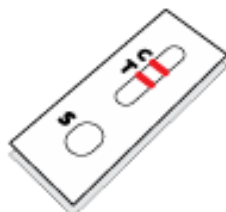


Test Procedure (Honey Diagnostic)

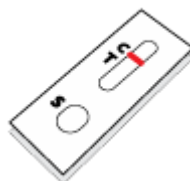
Weight 2g Honey syrup and
place into 50ml centrifuge



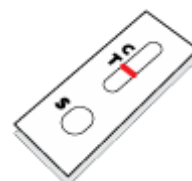
How to read the result?



For Negative result:
Two red Line appears



For Positive result:
One red Line appears



Invalid result:
Only the Test line appears

Information

ORDERING

When you place an order, please include the product description, catalog number, unit size, the quantity required, and any special instructions with correct billing and mailing address.

SHIPPING

Shipments are made on export basis unless otherwise specified. The cost of courier service, insurance and special handling will be the customers' responsibility. Please specify shipping requirements or special request when you order.

DELIVERY LEADTIME

All ordered products shall deliver 10 working days after receiving the full payment of the products

CANCELLATION

Order cancellation/s need to be submitted in writing within 2 business days of placing of your order. Customized and Special cancellation must be approved by MicroTUS International Biotechnology Co., Ltd.

RETURN POLICY

No return will be accepted without prior approval from MicroTUS International Biotechnology Co., Ltd. in the formed of Sign and Stamped Return Authorization Agreement. To return unused products, please contact our customer service or sales representative.

CUSTOMIZED SERVICES

MicroTUS International Biotechnology Co., Ltd. offers a variety of products and services to our customers including private labeling, customized plastic molding, semi-finished products, pouch/tubes, box, and printing. Promotional artwork, technical and sales support files, bulk package or fully packaged/ fully labeled products ready for resale. We also provide custom production of an extensive array of products. Please contact us to find out more information regarding our service and our team will do everything to fulfill your needs.



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