ISO 9001:2008 registered ISO 13485:2003 registered

DairyScreen

Milk Antibiotics Rapid Test Kits Series

Check Your Dairy Products Now

with DairyScreen Rapid Test Kits

for antibiotics and melamine.

Orders, please contact your local distributor

Need Distributors World Widely

DairyScreen is a part of Kwinbon Biotech, a Beijing-based manufacturer of rapid tests for food and feed safety.

Kwinbon Biotech is an ISO9001:2008 and ISO13485:2003 certificated manufacturer.

All DairyScreen products are intended for rapid screening purpose only. Positive samples need further confirmation.

Dairy Products

Dairy products are popular food ever since the beginning of human culture. In many cultures of the world, especially the Western world, humans continue to consume milk beyond infancy, using the milk of other animals (especially cattle, goats and sheep) as a food product. For millennia, cow's milk has been processed into dairy products such as cream, butter, yogurt, kefir, ice cream, and especially the more durable and easily transportable product, cheese. Modern industrial processes produce casein, whey protein, lactose, condensed milk, powdered milk, and many other food-additive and industrial products.

Antibiotics

Antibiotics are commonly used in the food production system as a way to control the growth of potentially harmful bacteria. Potential benefits from the use of antibiotics include the prevention of diseases, increase in food and water uptake, and increase the digestive effectiveness of the animal. There are concerns however about residues of the antibiotics getting into the milk or meat of cattle. In Canada, The Canadian Food Inspection Agency (CFIA) enforces standards which protects consumers by ensuring that foods produced will not contain antibiotics at a level which will cause harm to consumers. In America, the government requires a withdraw period for any animal treated with antibiotics before it can be slaughtered, to allow residue to exit the animal.

Antibiotics Residue & Regional Regulations

Antibiotics are used in the cattle industry for therapeutic purposes where they are used in the treatment of infections, prophylactically for disease prevention, and as growth promoters. The latter means that there is an increased efficiency of feed use, where growth is stimulated with less feed. Ultimately, this results in reduced costs for cattle producers, and for consumers.

Antibiotic resistance is a naturally-occurring phenomenon throughout the entire world due to the overuse and/or inappropriate use of the substance. However, its usage is supported primarily because of its effectiveness in the treatment and prevention of diseases, as well as its role as growth promoters. Antibiotic is also present in antibacterial cleaning products, and in disinfection products used in farm and veterinary practices. Therefore, antibiotic resistance could be on the rise. EU, USA, Japan, as well as China have all established strict Maximum Residue Limit (MRLs) of veterinary drugs in food and food-producing animals.

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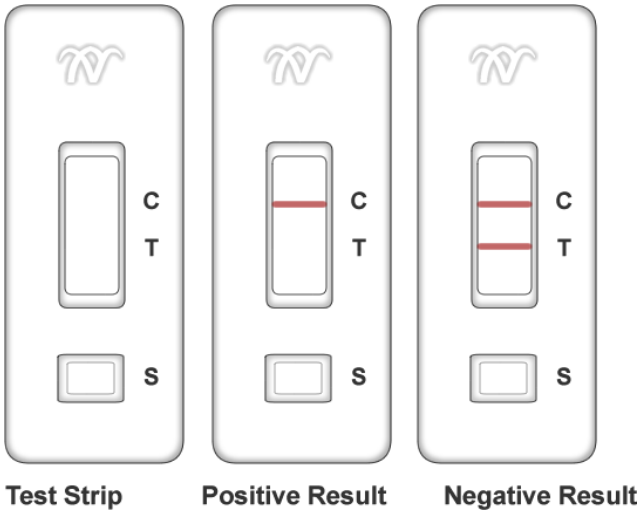
About DairyScreen Rapid Tests

All DairyScreen rapid tests kits are Point-of-Care Testing based on specific reaction of antibody and antigen, which can be easily operated and observed. People without special training can grasp within 5min. Just 3 drops of fresh milk, or just by simply dilution, and then take to assay, 5min to get the result! Just this easy!

DairyScreen has two different formats of rapid tests for distinguished clients.

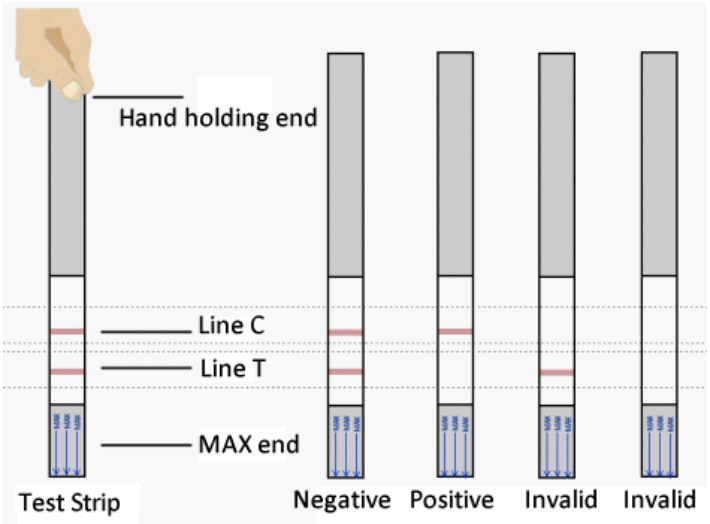
Test Strip Cassette

In this cassette, a test strip is fixed, which will be the carrier of the assay. The following picture describes how test result demonstrated. Fresh milk samples will be added into the S well directly. After 5min at room temperature, the result can be determined. There are 2 lines in total, C for quality control and T for Test. C will always appear, indicating the validity of the result.



Microwell Lateral Flow Strip

In this kind of rapid test, naked strip is used as the assay carrier directly. Fresh milk sample are added into a microwell, in which the sample will be mixed with the reagent coated in the well, then dip the strip into the solution, after 5min, watch the result according to the following picture.



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Milk Antibiotics Rapid Test Kits

Category #	Product	Tests/kit	LOD	Sample	Remarks
B011	Melamine Test Strip	20T / 40T	500ppb	Milk	Room temperature
B027	Clenbuterol Test Stirp	96T	1ppb	Milk	Room temperature
B0308	Melamine Test Strip	20T / 40T	200ppb	Milk	Room temperature
B044	Fluoroquinolones Test strip	96T	20ppb	Milk	Room temperature
B054	Salbutamol Test Strip	96T	5ppb	Milk	Room temperature
B061	Melamine Test Strip	20T / 40T	100ppb	Milk	Room temperature
B063	Melamine Test Strip	20T / 40T	50ppb	Milk	Room temperature
B064	Melamine Test Strip	20T / 40T	100ppb	Milk	Room temperature
B065	Melamine Test Strip	96T	100ppb	Milk	Room temperature
B070	Sulfonamides Test strip	96T	10-80ppb	Milk	Room temperature
B081	β-lactams Test strip	96T	2-4ppb	Milk	Room temperature
B082 **	β-lactamase Test strip	96T	1U/L	Milk	**
B083 **	β-lactams & tetracyclines Combo Test	96T	4-10ppb, 50ppb	Milk	Room temperature
B084 **	Milk antibiotics microbiology inhibition Test	96T	**	Milk	**
B091	Lincomycin Test strip	96T	20ppb	Milk	Room temperature
B104	Ractopamine Test Strip	96T	2ppb	Milk	Room temperature
B111	Gentamicin Test strip	96T	20ppb	Milk	Room temperature
B131	Streptomycin Test strip	96T	20ppb	**	Room temperature
B143	Chloramphenicol Test Strip	96T	0.1ppb / 0.5ppb	Milk	Room temperature

** Items labeled with "**" require different incubation temperature and time, thus please check the kit insert for more details, or contact your sales representative for the latest update.

Please contact your sales representative:

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