






AnticFast® BTC Rapid Test Kit

Antibiotics are widely used for the treatment of bacterial infections in dairy cattle raising, but also for growth promotion and for collective prophylactic treatment. However, the abuse of antibiotics, especially for non-therapeutic purposes has led to the development of antibiotic resistant (AR) bacteria, which have infiltrated our food system and pose a major risk to human health.

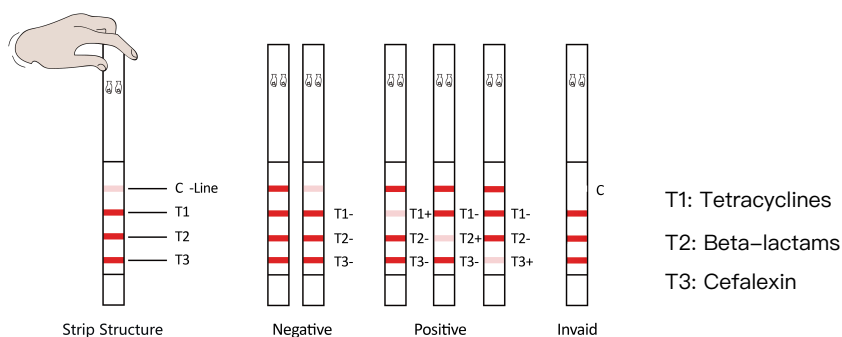
Meizheng AnticFast® BTC Rapid Test Kit (JC0641) is specific for Beta-lactams and Tetracyclines detection in raw milk, which are widely used in dairy farms. This test can be used for on-site screening or daily control in laboratories.

- The kit can detect all relevant antibiotics while adhering to EU Regulation.
- High sensitivity with cefalexin.
- Validated by ILVO – Institute for Agricultural and Fisheries Research (ILVO), Belgium.

BENEFITS

-  **COST-EFFECTIVE**
-  **SENSITIVE**
Comply with the EU Regulation
-  **RAPID**
Only in 7 minutes.
-  **USER-FRIENDLY**
Easily operated on-site or in lab.
-  **RELIABLE**

VISUAL INTERPRETATION



PROCEDURE



1

Add **200µL** milk sample
and mix well.



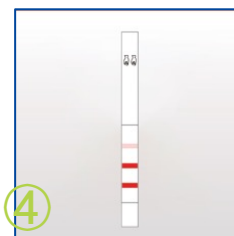
2

Incubate for **3** minutes
at or **40°C**



3

Develop color for **5** minutes
at or **40°C**



4

Interpretation visually
Reader: optional

SENSITIVITY

BETA-LACTAMS	EU MRL (ppb)	LOD (ppb)
		JC0641
Penicillin G	4	1-2
Cloxacillin	30	2-3
Amoxicillin	4	3-4
Oxacillin	30	5-7
Nafcillin	30	10-12
Ampicillin	4	2-3
Dicloxacillin	30	3-6
Benzathine	/	3-5
Cefquinome	20	7-9
Cefalonium	20	3-5
Ceftiofur	100	70-90
Cefapirin	60	10-12
Cefoperazone	50	3-5
Cefacetrile	125	30-40
Cefazolin	50	35-45
Cefalexin	100	10-15

TETRACYCLINES	EU MRL (ppb)	LOD (ppb)
		JC0641
Tetracycline	100	15-25
Chlortetracycline	100	20-35
Doxycycline	*	10-18
Oxytetracycline	100	15-25

/ No EU MRL.

* This drug is not for use in animals from which milk is produced for human consumption.

ORDERING INFORMATION

JC0641

AnticFast®
BTC Rapid Test Kit – 96T



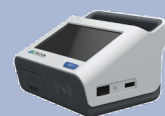
YC0161

HMG-GS Incubator



YC0200

BMZ6000 Portable Strip Reader



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