

Rapid Test Detecting The Two Main Classes Of Antibiotics In Milk

TwinSensor is a rapid assay in dipstick format detecting the contamination of milk samples by Betalactams and Tetracyclines molecules.

The kit is available in 2 versions : one specific to the EU maximum residue limits (**KIT020**) and one specific to the Russian Federation (RF) milk limits (**KIT034**).

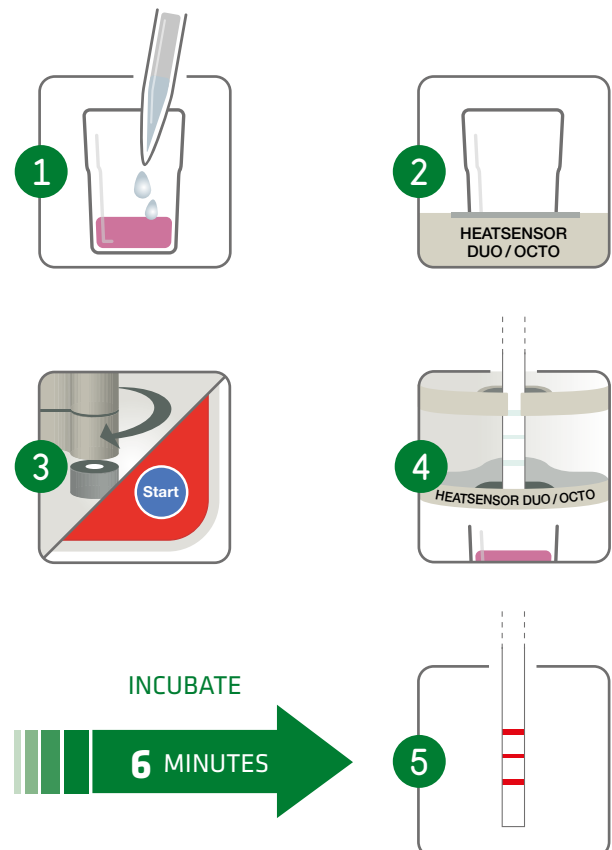
The test can be used in-situ for daily controls or in laboratories for the analysis of series of milk samples. This test does not require any sample processing, cleaning or extraction.



BENEFITS

- X2 MULTIPLE**
Detection of β -lactams & Tetracyclines.
- RAPID**
Results in 6 minutes.
- SENSITIVE**
Adapted to specific regulation.
- RELIABLE AND ROBUST**
- USER-FRIENDLY**
Easily performed on site or in lab.
- COST-EFFECTIVE**

HOW TO USE



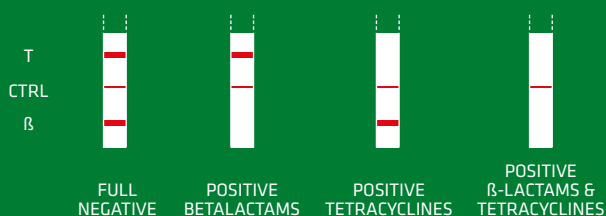
SENSITIVITY

	β-LACTAMS	LIMITS OF DETECTION (PPB)		
		KIT020	KIT034	EU MRL
PENICILLINS	Penicillin-G	2 - 3	2 - 3	4
	Ampicillin	3 - 4	3 - 4	4
	Amoxicillin	3 - 4	3 - 4	4
	Oxacillin	12 - 18	12 - 18	30
	Cloxacillin	6 - 8	6 - 8	30
	Dicloxacillin	6 - 8	6 - 8	30
	Nafcillin	30 - 50	30 - 50	30
CEFALOSPORINS	Ceftiofur	10 - 15	10 - 15	100
	Cefquinome	20 - 30	20 - 30	20
	Cefazolin	18 - 22	18 - 22	50
	Cefapirin	6 - 8	6 - 8	60
	Cefacetile	30 - 40	30 - 40	125
	Cefoperazone	3 - 4	3 - 4	50
	Cefalexin	> 750	> 750	100
	Cefalonium	3 - 5	3 - 5	20

TETRACYCLINES	LIMITS OF DETECTION (PPB)		
	KIT020	KIT034	EU MRL
Chlortetracycline	30 - 40	5 - 7	100
Doxycycline	10 - 15	2 - 3	100
Oxytetracycline	50 - 60	7 - 9	100
Tetracycline	80 - 100	8 - 10	100

RESULTS

Visual interpretation of the result obtained by comparing the intensity of each test line with the control (CTRL) line.



T: Tetracyclines - β: Betalactams

An instrumental reading is also possible with the ReadSensor 2 device.

TwinSensor

PRODUCTS REFERENCES

KIT020
TWINSENSOR MK BT MRL - 96 PC

KIT034
TWINSENSOR MK BT 10PPB - 96 PC

APP032
HEATSENSOR DUO

APP052
HEATSENSOR OCTO



APP088
READSENSOR 2



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