ROOM TEMPERATURE

TwinSensor RT

Rapid Test Detecting Betalactams and Tetracyclines
The Two Main Classes Of Antibiotics Contaminants In Milk

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

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

NO NEED TO HEAT / ROOM TEMPERATURE

X2 MULTIPLE
Detection of ß-lactams & Tetracyclines.

RAPID
Results in 10 minutes.

SENSITIVE
Adapted to specific regulation.

RELIABLE AND ROBUST
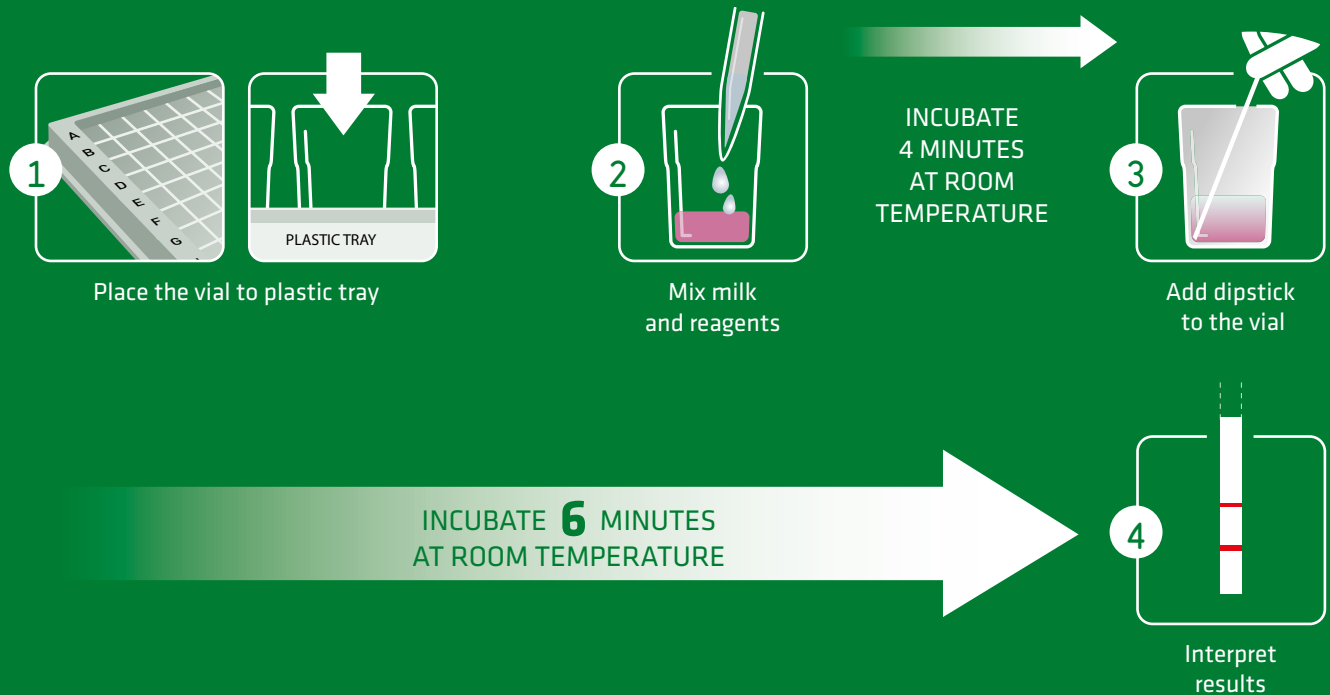
USER-FRIENDLY
Easily performed on site or in lab.

COST-EFFECTIVE

SENSITIVITY

		LIMITS OF DETECTION (PPB)	
		EU MRL	KIT088
BETA-LACTAMS — PENICILLINS	Penicillin G	4	1 - 2
	Ampicillin	4	3 - 4
	Amoxicillin	4	3 - 4
	Oxacillin	30	14 - 20
	Cloxacillin	30	10 - 14
	Dicloxacillin	30	7 - 8
	Nafcillin	30	> MRL*
BETA-LACTAMS — CEPHALOSPORINS	Ceftiofur	100	7 - 10
	Cefquinome	20	20 - 30
	Cefazolin	50	7 - 10
	Cefapirin	60	2 - 3
	Cefacetrile	125	< MRL*
	Cefoperazone	50	0.5 - 1
	Cefalexin	100	850 - 1100
	Cefalonium	20	1 - 2
TETRACYCLINES	Tetracycline	100	80 - 100
	Oxytetracycline	100	40 - 60
	Chlortetracycline	100	30 - 40
	Doxycycline	Prohibited	10 - 15

*to be determined

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DIAGNOSTIC ENGINEERING

HOW TO USE

1 Place the vial to plastic tray

PLASTIC TRAY

2 Mix milk and reagents

INCUBATE 4 MINUTES AT ROOM TEMPERATURE

3 Add dipstick to the vial
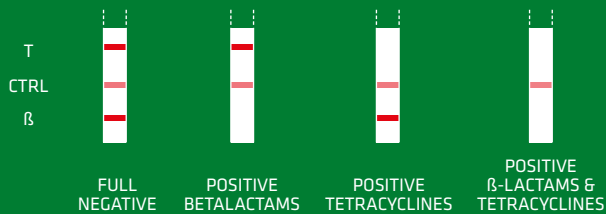
INCUBATE **6** MINUTES AT ROOM TEMPERATURE

4 Interpret results

RESULTS

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

T

CTRL

ß

| FULL NEGATIVE | POSITIVE BETALACTAMS | POSITIVE TETRACYCLINES | POSITIVE ß-LACTAMS & TETRACYCLINES |

T: Tetracyclines - ß: Betalactams

An instrumental reading is also possible with the ReadSensor device.

TwinSensor RT

PRODUCTS REFERENCES

KIT088
TWINSENSOR MK BT RT - 96 PC

APP088
READSENSOR 2

Reseller

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DIAGNOSTIC ENGINEERING

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