

## Rapid Test Detecting Simultaneously Betalactams, Tetracyclines, Streptomycin And Chloramphenicol In Milk



4SENSOR is a rapid assay in dipstick format detecting the contamination of milk samples by Betalactams, Tetracyclines, Streptomycin and Chloramphenicol 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

#### MULTIPLE

Detection of Betalactams, Tetracyclines, (Dihydro)streptomycin and Chloramphenicol.

#### RAPID

Results in 10 minutes.

#### SENSITIVE

EU MRLs.

#### RELIABLE AND ROBUST

#### USER-FRIENDLY

Easily performed on site or in lab.

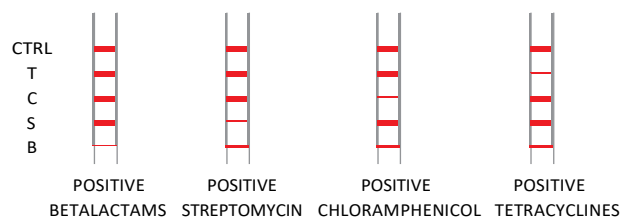
#### COST-EFFECTIVE

MEETS REQUIREMENTS  
OF THE CUSTOMS UNION



### RESULTS

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



T: Tetracyclines - C: Chloramphenicol - S: Streptomycin - B: Betalactams

An instrumental reading is also possible with the ReadSensor device.



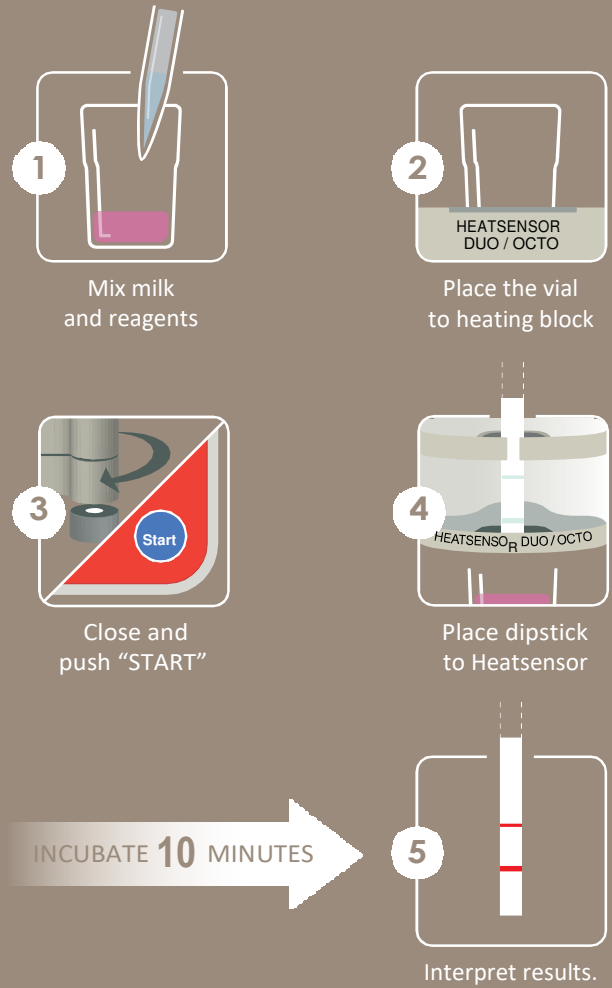
The development of the test was made in connection with Danone-Russia and All-Russia Dairy Industry Research Institute.

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## SENSITIVITY

β-LACTAMS		LOD (PPB)
PENICILLINS	Penicillin-G	2 - 3
	Ampicillin	3 - 4
	Amoxicillin	3 - 4
	Oxacillin	12 - 18
	Cloxacillin	6 - 8
	Dicloxacillin	6 - 8
	Nafcillin	30 - 40
	Ceftiofur	10 - 15
CEFALOSPORINS	Cefquinome	30 - 35
	Cefazolin	18 - 22
	Cefapirin	6 - 8
	Cefacetrile	30 - 40
	Cefoperazone	3 - 4
	Cefalexin	1000 - 1200
	Cefalonium	3 - 5
	TETRACYCLINES	
Tetracycline		8 - 10
Oxytetracycline		7 - 9
Chlortetracycline		5 - 7
Doxycycline		2 - 3
CHLORAMPHENICOL		LOD (PPB)
Chloramphenicol		0,3
(DIHYDRO)/STREPTOMYCIN		LOD (PPB)
Streptomycin		150 - 200
Dihydrostreptomycin		150 - 200

## HOW TO USE



# 4Sensor BSCT

## PRODUCTS REFERENCES

KIT060  
4 SENSOR MK MRL - 96 PC

APP032  
HEATSENSOR DUO  
APP052  
HEATSENSOR OCTO



APP038  
READSENSOR ESE SMALL CASE  
APP039  
READSENSOR ESE FULL CASE



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