

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

**X4** **MULTIPLE**  
 Detection of Betalactams, Tetracyclines, (Dihydro)streptomycin and Chloramphenicol.

**RAPID**  
 Results in 10 minutes.

**SENSITIVE**  
 EU MRLs.

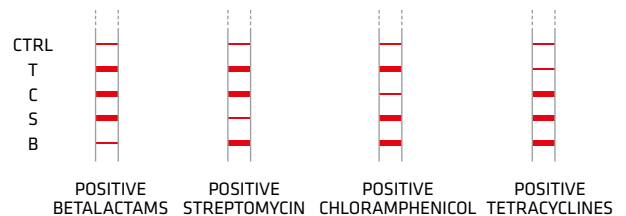
**KG** **RELIABLE AND ROBUST**

**USER-FRIENDLY**  
 Easily performed on site or in lab.

**€** **COST-EFFECTIVE**

## 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 2 device.

**MEETS REQUIREMENTS  
 OF THE CUSTOMS UNION**



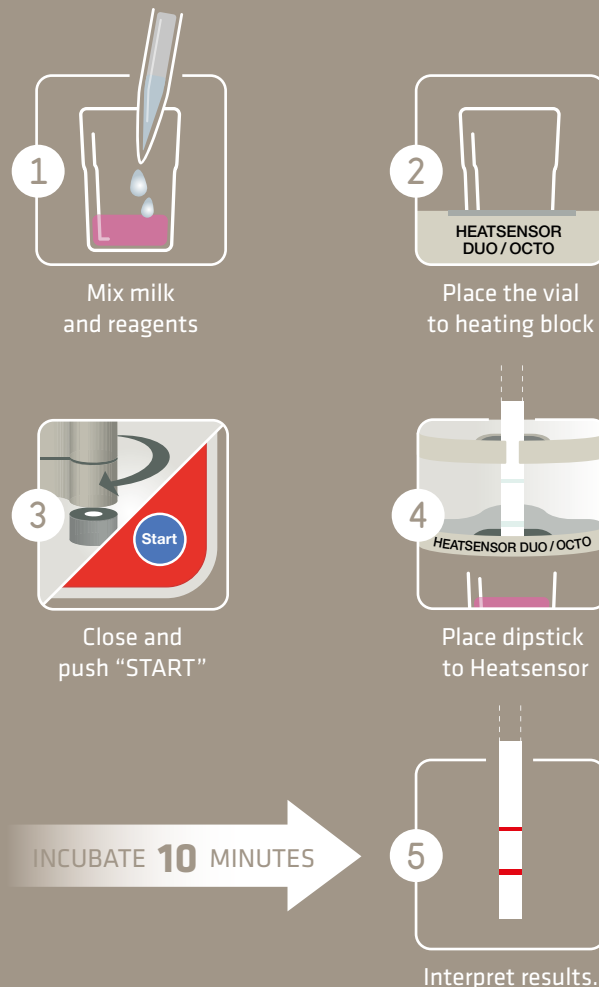
The development of the test was made in connection with Danone-Russia and All-Russia Dairy Industry Research Institute.

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 GOST 32219-2013

## SENSITIVITY

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



**APP088**  
READSENSOR 2



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