

Rapid Test Detecting Simultaneously  
 Betalactams, Sulfonamides, Tetracyclines,  
 And (Fluoro)quinolones In Milk



4Sensor is a rapid assay in dipstick format detecting the contamination of milk samples by Betalactams, Sulfonamides, Tetracyclines, and (Fluoro)quinolones molecules.

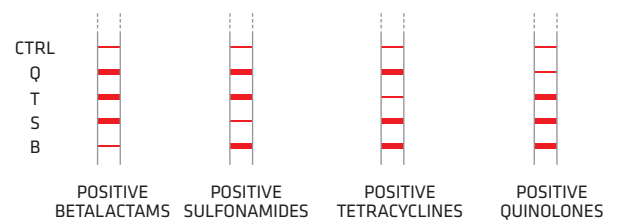
The test can be used in-situ for daily controls or in laboratories for the analysis of series of milk samples. This test does not require any sample processing, cleaning or extraction.

## BENEFITS

- X4 MULTIPLE**  
 Detection of Betalactams, Sulfonamides, Tetracyclines, and (Fluoro)quinolones.
- RAPID**  
 Results in 10 minutes.
- SENSITIVE**  
 EU MRLs.
- 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.



B: Betalactams - S: Sulfonamides - T: Tetracyclines - Q: (Fluoro)quinolones



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

## 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	80-100
	Oxytetracycline	60-70
	Chlortetracycline	50-60
	Doxycycline	20-30

	<b>(FLUORO)QUINOLONES</b>	<b>LOD (PPB)</b>
	Norfloxacin	15-20
	Enrofloxacin	10-15
	Danofloxacin	15-20
	Difloxacin	15-20
	Marbofloxacin	10-15
	Sarafloxacin	15-25
	Ciprofloxacin	15-20
	Flumequine	40-50
	Oxolinic acid	50-75
	Enoxacin	15-20
	Lomefloxacin	20-30
	<b>SULFONAMIDES</b>	<b>LOD (PPB)</b>
	Sulfadiazine	8-10
	Sulfapyridine	0.5-1
	Sulfathiazole	7.5-8.5
	Sulfamethoxazole	320-360
	Sulfamethazine	1-2
	Sulfamethoxypyridazine	2-3
	Sulfadimethoxine	10-15
	Sulfacetamide	300-600
	Sulfamerazine	2-3
	Sulfamonomethoxine	8-12
	Sulfaquinoxaline	14-18
	Sulfachloropyridazine	5-10
	Sulfaguanidine	15-25
	Sulfamethizole	220-260
	Sulfasalazine	250-350

# 4Sensor BSTQ

## PRODUCTS REFERENCES

### KIT072

4 SENSOR BSTQ MILK MRL - 96 PC

### APP032

HEATSENSOR DUO

### APP052

HEATSENSOR OCTO



### APP088

READSENSOR 2



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