

## Rapid Test Detecting Betalactams, Sulfonamides And Tetracyclins In Milk



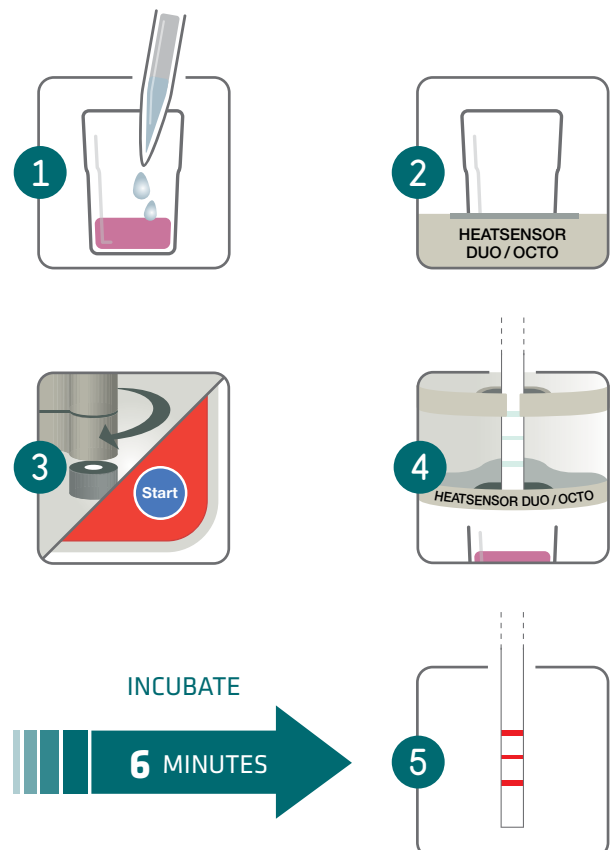
TRISENSOR is a rapid assay in dipstick format detecting the contamination of milk samples by Betalactams, Tetracyclines and Sulfonamides molecules.

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.

### HOW TO USE

### BENEFITS

- X3 MULTIPLE**  
 Detection of  $\beta$ -lactams, Tetracyclines and Sulfonamides.
- RAPID**  
 Results in 6 minutes.
- SENSITIVE**  
 EU MRLS.
- RELIABLE AND ROBUST**
- USER-FRIENDLY**  
 Easily performed on site or in lab.
- COST-EFFECTIVE**



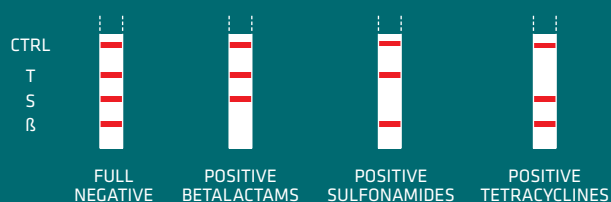
## SENSITIVITY

	<b>β-LACTAMS</b>	<b>LOD (PPB)</b>	<b>SULFONAMIDES</b>	<b>LOD (PPB)</b>	<b>TETRACYCLINES</b>	<b>LOD (PPB)</b>
<b>PENICILLINS</b>	Penicillin-G	2,5-3,5	Sulfadiazine	8-10	Tetracycline (*)	80-100
	Ampicillin	3-4	Sulfapyridine	0,5-1	Oxytetracycline	60-70
	Amoxicillin	3-4	Sulfathiazole	7,5-8,5	Chlortetracycline	50-60
	Oxacillin	13-15	Sulfamethoxazole	320-360	Doxycycline	20-30
	Cloxacillin	7-9	Sulfamethazine	1-2		
	Dicloxacillin	4-6	Sulfamethoxyipyridazine	2-3		
	Nafcillin	50-70	Sulfadimethoxine	10-15		
<b>CEFALOSPORINS</b>	Ceftiofur	8-12	Sulfacetamide	300-600		
	Cefquinome	16-20	Sulfamerazine	2-3		
	Cefazolin	15-19	Sulfamonomethoxine	8-12		
	Cefapirin	4-6	Sulfaquinoxaline	14-18		
	Cefacetrile	16-20	Sulfachloropyridazine	5-10		
	Cefoperazone	3-4	Sulfaguandine	15-25		
	Cefalexin	700-800	Sulfamethizole	220-260		
	Cefalonium	3-5	Sulfasalazine	250-350		

(\*) Other Tetracyclines compounds are detected at a lower concentration than Tetracycline: Minocycline, Demeclocycline, Sancycline, Amicycline, Meclocyline.

## RESULTS

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



T: Tetracyclines - S: Sulfamides - B: Betalactams

An instrumental reading is also possible with the ReadSensor device.

# TriSensor

## PRODUCTS REFERENCES

### KIT035

TRISENSOR MK BTS MRL - 96 PC

### APP032

HEATSENSOR DUO

### APP052

HEATSENSOR OCTO



### APP038

READSENSOR ESE SMALL CASE

### APP039

READSENSOR ESE FULL CASE



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