

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, Tetracyclins and Sulfonamides molecules.

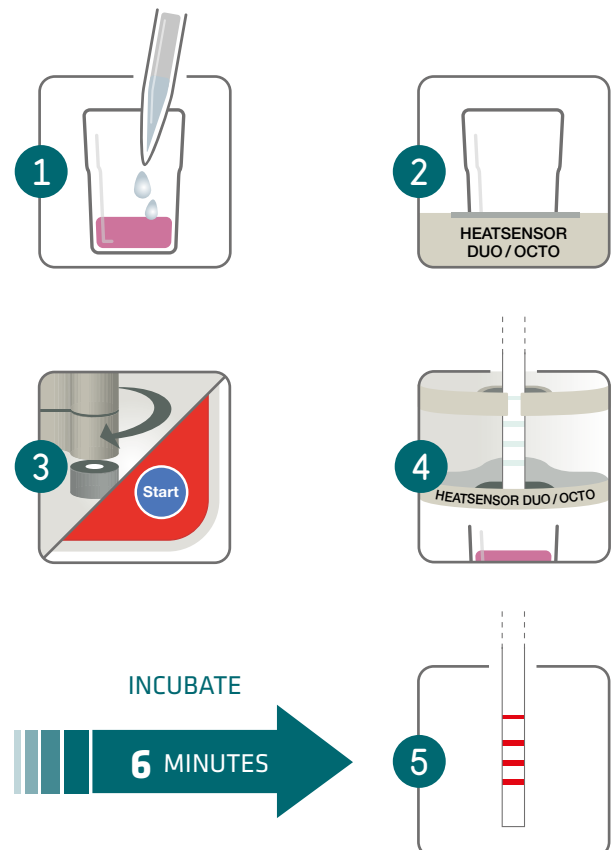
The test can be used in-situ for daily controls or in laboratories for the analysis of series of milk samples. This test does not require any sample processing, cleaning or extraction.



BENEFITS

- X3 MULTIPLE**
Detection of β -lactams, Tetracyclins and Sulfonamides.
- RAPID**
Results in 6 minutes.
- SENSITIVE**
EU MRLS.
- RELIABLE AND ROBUST**
KG
- USER-FRIENDLY**
Easily performed on site or in lab.
- COST-EFFECTIVE**
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HOW TO USE



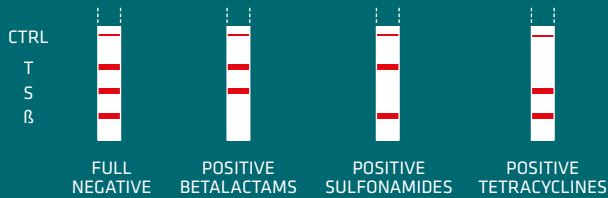
SENSITIVITY

	β-LACTAMS	LOD (PPB)	SULFONAMIDES	LOD (PPB)	TETRACYCLINES	LOD (PPB)
PENICILLINS	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		
CEFALOSPORINS	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	Sulfaguanidine	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, Mectocycline.

RESULTS

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



T: Tetracyclines - S: Sulfamides - β: Betalactams

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

TriSensor

PRODUCTS REFERENCES

KIT035
TRISENSOR MK BTS MRL - 96 PC

APP032
HEATSENSOR DUO

APP052
HEATSENSOR OCTO



APP088
READSENSOR 2



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