

CEFALEXIN  
DETECTED

## RAPID TEST STRIPS DETECTING BETA-LACTAM & TETRACYCLINE ANTIBIOTICS IN MILK

**TwinSensor Plus** is a rapid test to detect the contamination of milk samples by Beta-Lactams and Tetracyclines 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.

TwinSensor Plus (KIT106) is **as fast** as Unisensor's classic TwinSensor (KIT020). And now, it detects **Cefalexin** too!



### BENEFITS

**X2<sup>+</sup> MULTIPLE**  
Detection of  $\beta$ -lactams (including Cefalexin) & Tetracyclines



**FAST**  
Results in **6 minutes**



**SENSITIVE**  
Adapted to EU regulation  
Detecting Cefalexin below MRL



**RELIABLE AND ROBUST**

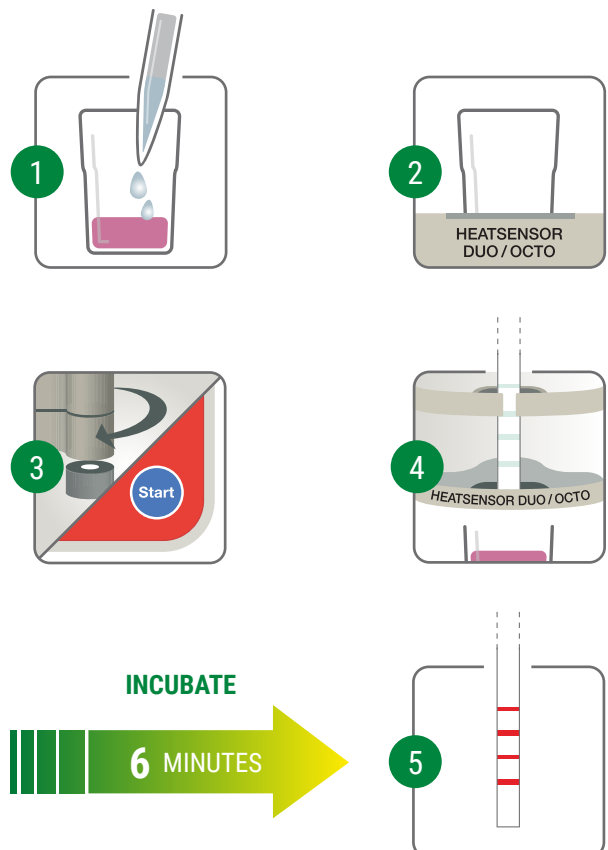


**USER-FRIENDLY**  
Easily performed on site or in lab



**COST-EFFECTIVE**

### HOW TO USE



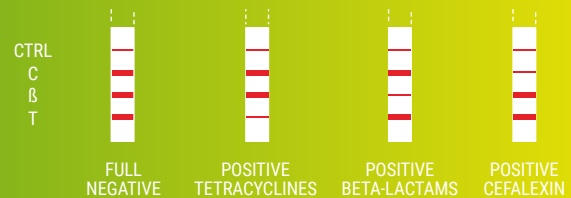
## SENSITIVITY

β-LACTAMS		LIMITS OF DETECTION (PPB)		TETRACYCLINES		LIMITS OF DETECTION (PPB)	
		KIT106	EU MRL			KIT106	EU MRL
PENICILLINS	Penicillin-G	2 - 3	4	Chlortetracycline	30 - 40	100	
	Ampicillin	2 - 4	4	Doxycycline	10 - 15	100	
	Amoxicillin	3 - 4	4	Oxytetracycline	50 - 60	100	
	Oxacillin	9 - 18	30	Tetracycline	80 - 100	100	
	Cloxacillin	6 - 10	30				
	Dicloxacillin	6 - 10	30				
	Nafcillin	80 - 125	30				
	Piperacillin	1 - 4	-				
	Ticarcillin	15 - 30	-				
	Aspoxicillin	1 - 5	-				
	Phenoxymethyl-penicillin (Pen V)	2 - 4	-				
	Hetacillin	See Ampicillin	-				
	Penethamate	See PenG	-				
	CEFALOSPORINS	Ceftiofur	10 - 15	100			
		Desfuroyl Ceftiofur	60 - 80	100			
Cefquinome		15 - 20	20				
Cefazolin		14 - 22	50				
Cefapirin		6 - 8	60				
Desacetyl Cephapirin		25 - 50	60				
Cefacetrile		15 - 30	125				
Cefoperazone		3 - 6	50				
Cefalexin		50 - 100	100				
Cefalonium		3 - 5	20				
Cefalotine		4 - 6	-				
Ceftriaxone		5 - 10	-				
Ceftizoxime		300 - 450	-				
Cefotaxime		20 - 40	-				
Cefuroxime		90 - 125	-				

BETALACTAMASE INHIBITORS	LIMITS OF DETECTION (PPB)	
	KIT106	EU MRL
Clavulanic Acid	1500 - 2000	200

## RESULTS

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



T: Tetracyclines - B: Beta-Lactams - C: Cefalexin

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

## PRODUCTS REFERENCES

**KIT106**  
TWINSENSOR PLUS - 96 PC

**APP032**  
HEATSENSOR DUO  
**APP052**  
HEATSENSOR OCTO



**APP088**  
READSENSOR 2



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