



4 sensor

MILK

UNIQUE RAPID TEST FOR SIMULTANEOUS DETECTION OF BETA LACTAMS, TETRACYCLINES, STREPTOMYCIN AND CHLORAMPHENICOL



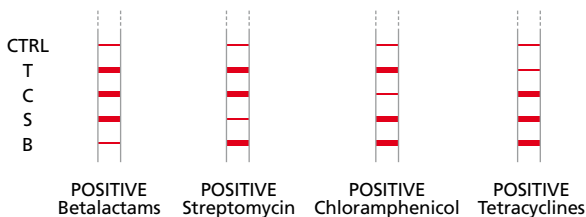
4SENSOR is the first and unique multiple test for the detection of Betalactams, Tetracyclines, Dihydrostreptomycin, Streptomycin and Chloramphenicol in milk in one single operation.

Since January 2011, the Russian Dairy Authority has consolidated the requirements for drug residue screening in milk. According to the new Russian Federal Law 163 (2010), dairy producers should test for all the above antibiotics on a routine basis. This regulation applies also to milk imported into Russia, Belarus and Kazakhstan, as a new Customs Union has been established between the 3 countries.

The development of the test was made in connection with Danone-Russia and All-Russia Dairy Industry Research Institute.
GOST R53774-2010 APPROVED

Results

Visual interpretation of the result by comparing the intensity of the "TEST" lines with the one of the "CTRL" line.



T: Tetracyclines - C: Chloramphenicol - S: Streptomycin - B: Betalactams

Benefits

- **MULTIPLE**
Detection of Betalactams, Tetracyclines, (Dihydro)streptomycin and Chloramphenicol.
- **RAPID**
Results in 10 minutes.
- **SENSITIVE**
- **RELIABLE AND ROBUST**
- **USER-FRIENDLY**
Easily performed on site or in lab.
- **COST-EFFECTIVE**
- **ECOLOGICAL PACKAGING**

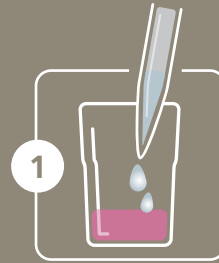
MEETS REQUIREMENTS OF THE CUSTOMS UNION



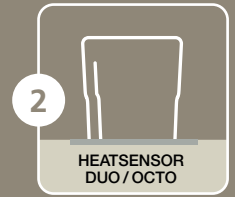
Sensitivity

	β -LACTAMS	LOD (PPB)
PENICILLINS	Penicillin-G	2-3
	Ampicillin	4-5
	Amoxicillin	3-5
	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
	TETRACYCLINES	LOD (PPB)
	Tetracycline	8-10
	Oxytetracycline	7-9
	Chlortetracycline	5-7
	Doxycycline	2-3
	CHLORAMPHENICOL	LOD (PPB)
	Chloramphenicol	0,3
	(DIHYDRO)/STREPTOMYCIN	LOD (PPB)
	Streptomycin	100-150
	Dihydrostreptomycin	40-60

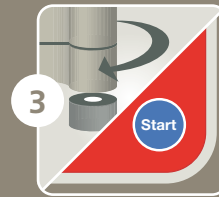
How to use



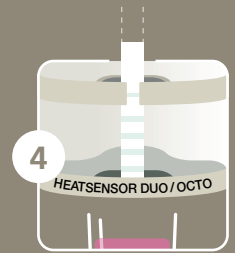
Mix milk and reagents.



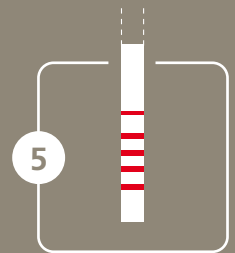
Place the vial to heating block.



Close and push "START".



Place dipstick to Heatsensor.



Interpret results.

Products References

KIT060 → 4SENSOR MK MRL - 96 pc

APP032 → HEATSENSOR DUO

APP052 → HEATSENSOR OCTO

APP038 → READSENSOR ESE SMALL CASE

APP039 → READSENSOR ESE FULL CASE



unisensor 

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