

MeatSensor[®]

Beta-lactams - Sulfonamides - Tetracyclines

**PORK
MEAT**

**PEACE OF MIND
IN MEAT**

Strengthen consumer trust in your meat...

If a farm animal gets sick and requires antibiotic treatment, farmers must follow strict guidelines. Proper use of antibiotics, in terms of dosage, duration of treatment and withdrawal period, is crucial to avoid the presence of unwanted residues. Meat products must be tested to ensure they are free of antibiotic residues.



...with Unisensor



Manage the antibiotic risk easily and rapidly



Avoid recalls and brand damage



Differentiate from your competitors



Reduce the risk of antimicrobial resistance



Meet legal standards

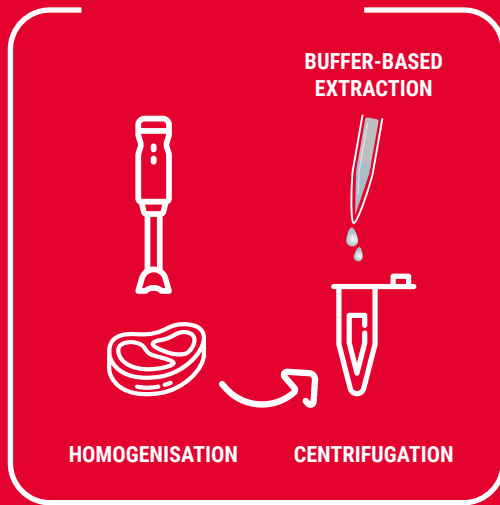


Have peace of mind with quality "Made in Belgium"

Developed in collaboration with and used by

 **Belgian Pork Group**
A NETWORK. COMMITTED TO SERVE YOU

SAMPLE PREPARATION



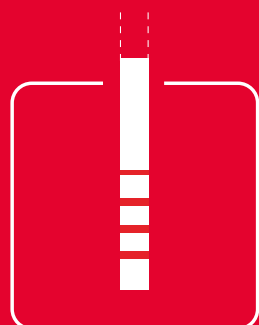
PERFORM TEST IN LESS THAN 10 MIN



**MIX SAMPLE
AND REAGENTS**



INCUBATION

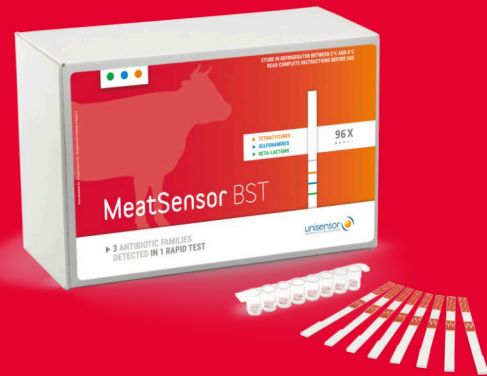


**INTERPRET
RESULTS**

MeatSensor® BST

Rapid test strips detecting beta-lactams, sulfonamides & tetracyclines in meat.

REF. KIT108 (96 tests)



B-LACTAMS		
PENICILLINS		
ANTIBIOTIC	MRL (PPB)	LOD (PPB)
Ampicillin	50	6 - 10
Penicillin G	50	2,5 - 4
Amoxicillin	50	5 - 10
Oxacillin	300	25 - 40
Cloxacillin	300	30 - 40
Dicloxacillin	300	15 - 25
Nafcillin	-	≥ 1500
CEPHALOSPORINS		
ANTIBIOTIC	MRL (PPB)	LOD (PPB)
Ceftiofur	Sum 1000	60 - 100
Desfuroyl ceftiofur		250 - 350
Cefquinome	50	45 - 50
Cefazolin	-	30 - 35
Cefalonium	-	3 - 5
TETRACYCLINES		
ANTIBIOTIC	MRL (PPB)	LOD (PPB)
Tetracycline	100	60 - 90
Oxytetracycline	100	70 - 90
Chlortetracycline	100	40 - 70
Doxycycline	100	60 - 100
SULFONAMIDES		
ANTIBIOTIC	MRL (PPB)	LOD (PPB)
Sulfadiazine	Sum 100	50 - 70
Sulfadimethoxine		80 - 100
Sulfamethazine		4 - 8

LOD PENDING VALIDATION. MRL values refer to porcine muscle (µg/kg) according to COMMISSION REGULATION (EU) No 37/2010.