ROOM
TEMPERATURE

TetraSensor

Rapid Test

Detecting Tetracycline

In Any Animal Tissues

Tetracyclines are broad-spectrum antibiotics that are extensively used in veterinary and human medicine for the treatment of a wide variety of bacterial infections.

TetraSensor is a rapid test to detect the contamination of meat samples by Tetracycline molecules.

The test can be used in-situ for daily controls or in laboratories for the analysis of series of tissue samples.

BENEFITS

NO NEED TO HEAT / ROOM TEMPERATURE

RAPID
10 minutes incubation only.
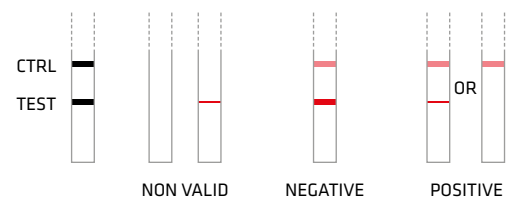
SENSITIVE
Low limits of detection.

RELIABLE AND ROBUST

GENERIC
Detection of all relevant Tetracycline molecules in one single test.

USER-FRIENDLY
Easily performed on site or in the lab.

RESULTS

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

CTRL
TEST
OR
NON VALID   NEGATIVE   POSITIVE

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

SENSITIVITY

COMPOUNDS	LIMITS OF DETECTION (PPB)	
	CRUDE TISSUE (4X)*	COOKED MEAT (6X)*
Chlortetracycline	2 - 3	ND
Doxycycline	2 - 3	5 - 10
Oxytetracycline	5	ND
Tetracycline	10	ND

* MATRICES (Considering dilution)

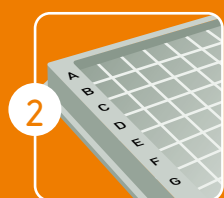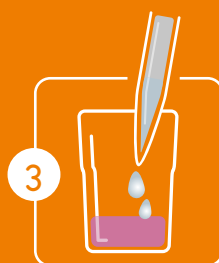unisensor
DIAGNOSTIC ENGINEERING

HOW TO USE

SAMPLE PREPARATION
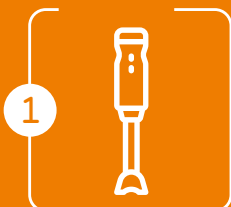
1 Full procedure available for sample preparation of :
- Raw muscle tissue
- Processed tissue (including cooked meat)
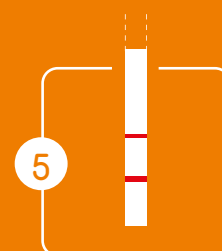
TEST EXECUTION

2 PLASTIC TRAY

Place the vial to plastic tray

3 Mix sample and reagents

4 Add dipstick to the vial

INCUBATE **10** MINUTES AT ROOM TEMPERATURE

5 Interpret results

PRODUCTS REFERENCES

KIT036
TETRASENSOR TISSUE

APP088
READSENSOR 2

Reseller

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