



BT Scan Strip & IRIS

- Do you need to know if the bulk tank milk at the farm is free from antibiotics before it is collected?
- Do you need to check that milk does not contain antibiotics before uploading the truck at the plant?
- Do you need any operator to run a reliably test?

BT Scan Strip helps you to easily detect if milk is contaminated with beta-lactams or tetracyclines in just 6 minutes and share results in real-time.

Any operator can test for beta-lactams or tetracyclines and share results in real-time to make fast decisions.

EASY:

- 6 minutes one step assay.
- Easily performed by any operator.
- Visual or automatic reading with IRIS reader.
- Objective results on your smartphone screen or with the IRIS reader.

CONNECTED*:

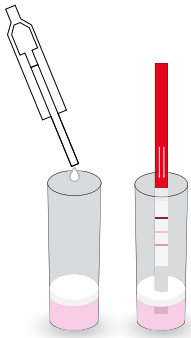
- Share and store your results at the App.
- Remote access to results at www.test4all.es.
- Receive real-time emails.
- 4 hours battery life to perform the test wherever you need.

* When using IRIS reader.

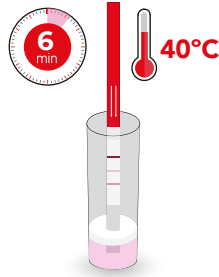


Antibiotic control at anytime, anywhere & wherever you are

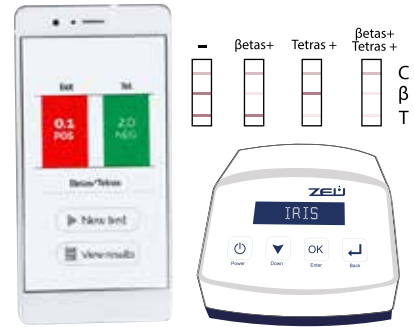
ASSAY PROCEDURE:



1. Add sample:
200µL of milk



2. Incubation:
6 minutes at 40°C.



3. Result:
Visual reading and automatic reading with IRIS

LIMITS OF DETECTION:

Antibiotic	MRL (µg/L, ppb)	LOD (µg/L, ppb)	Antibiotic	MRL (µg/L, ppb)	LOD (µg/L, ppb)
Penicilin G	4	2	Cefapirin	60	8
Amoxicilin	4	3	Cephalexin	100	>600
Ampicilina	4	3	Kephalonium	20	4
Cloxacilina	30	5	Ceftiofur	100	100
Oxacyline	30	5	Oxitetracycline	100	60
Cefoperazone	50	5	Tetracycline	100	40
Cefquinoma	20	10	Chlortetracycline	100	40
Nafcilin	30	15			

LOD: Limit Of Detection (µg/L, ppb) in cow milk. MRL: Maximum Residue Limit (µg/Kg) in cow milk.

MATRIX:



RAW MILK



COW, SHEEP OR GOAT MILK

VALIDATIONS:



Internal validation:

According to ISO 13969:2003.

SOLUTIONS FOR THE DETECTION OF ANTIBIOTICS IN MILK:

BETA SCAN:



It detects the presence of beta-lactamic agents.

DUPLEX BT SCAN:



Detects the presence of beta-lactam and tetracyclines in cassette format.

ECLIPSE4G & COMET4:



Automatically detects the presence of more than 50 antibiotic substances.

QUINOSCAN:



It detects the presence of quinolones.