



Eclipse FARM & COMET8

- Do you want to make sure that the milk from your treated cow is free from antibiotics?
- Do you have doubts when interpreting the color of microbial tests when detecting antibiotics in milk?
- Sometimes you cannot stop the microbial assay at the right time and you doubt if your samples might contain antibiotics?

Eclipse FARM & COMET8 allow any operator to perform the analysis, receive the result wherever they are and share it in real-time.

One drop of milk, one minute of your time. For an automatic analysis of more than 50 antibiotic substances and with real-time results wherever you need it.

AUTOMATIC:

- One step, add a drop of milk and run the automatic test.
- Automatic stop and interpretation of results.
- Qualitative (neg/pos) and numerical results on the screen, on your smartphone or on the test4all.es platform.
- Easy to use for every operator.

CONNECTED:

- Device & Smartphone always connected via Bluetooth and Wi-Fi:
Remote access to results.

VALIDATIONS:



External validation:
Eclipse Farm 4G & Comet 8 validated by the German laboratory MQD.



External validation:
Eclipse Farm 3G & Comet 8 validated by ILVO.



Internal validation:
According to ISO 13969:2003.

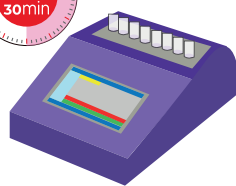


Antibiotic control by anyone, at anytime and anywhere

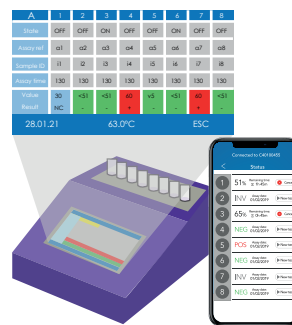
ASSAY PROCEDURE:



1. Add sample:
100µL of milk



2. Start assay:
START button or from
the COMET8 app



3. Results:
On the COMET8, app on
your smartphone, email
or on the test4all.es platform

LIMITS OF DETECTION:

COMET8	LOD µg /kg	EU-LMR
Penicillin G	3	2
Ampicillin	4	4
Amoxicillin	4	4
Oxacillin	15	30
Cloxacillin	30	30
Cephalexin	50	100
Ceftiofur	50	100
Cephapirin	10	60
Cephalonium	20	20
Cefoperazone	50	50
*Cefazolin	50	50
*Nafcillin	30	30
Oxytetracycline	100	100
Chlortetracycline	150	100
Tetracycline	100	100
Sulfathiazole	50	100
Sulfadiazine	50	100
Sulfamethazine	100	100
Sulfadimethoxine	50	100
Sulfamethoxyipyridazine	100	100
*Sulphadoxine	200	100
Tilmicosin	50	50
Tylosin	25	50
Erythromycin	120	40
Neomycin	200	1500
Gentamicin	50	100
DH-streptomycin	500	200
Lincomycin	150	150
*Pirlimycin	100	100
Enrofloxacin	10.000	100
Chloramphenicol	>30	0,3
Florfenicol	>30	0,3
Dapsone	5	5
Rifaximin	60	60

LOD: Limit of Detection (µl/kg, ppb) Eclipse Farm 3G in cow's milk. MRL: Maximum Residue Limit in cow's milk (µl/kg, ppb).