



EuroProxima

FLUOROQUINOLONES II ELISA (5101FLUQII)

General

With the fluoroquinolones ELISA (5101FLUQG) we introduced the first "generic" fluoroquinolones ELISA. With our new broad spectrum kit (5101FLUQII) we fulfil the increased demands from the (Asian) market. In the table the cross-reactivities of the antibodies used in the respective assay are presented.

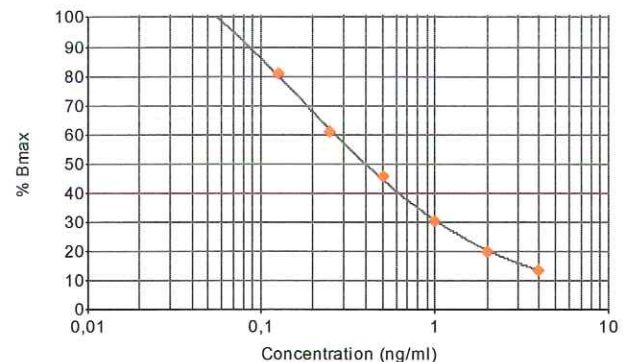
Kit characteristics

- **Microtiter plate:**
12 x 8 break 4 wells
- **Antibody cross-reactivity:**

Norfloxacin	100%
Enrofloxacin	84%
Ciprofloxacin	91%
Enoxacin	119%
Ofloxacin	62%
Fleroxacin	92%
Marbofloxacin	113%
Sarafloxacin	92%
Difloxacin	105%
Levofloxacin	173%
Danofloxacin	47%
Tosufloxacin	67%
Gatifloxacin	16%
- **Conjugate**
Norfloxacin-HRP stabilized
- **Standard range (ready-to-use):**
0, 0.125, 0.25, 0.5, 1.0, 2.0 and 4.0 ng/ml
Stock standard 100ng/ml

Assay procedure

Antibody, conjugate and sample/standard are pipetted into the wells and incubated for 30 minutes at RT (20°C - 25°C). After a washing procedure ready-to-use substrate is added and incubated for 15 minutes at RT. Stop the reaction and read in a spectrophotometer at 450 nm. A calculation program is available upon request



Assay characteristics

Matrices and sample preparation,

Shrimps	dilution in 10% methanol	4 ng/g
Porcine muscle	dilution in 10% methanol	6 ng/g
Tissue	ethanol extraction	0.6 ng/g
Honey	dilution in 10% methanol	0.1 ng/g
Serum	dilution in 10% methanol	3 ng/ml
Urine	dilution in 10% methanol	1.5 ng/ml
Feed	dilution in 10% methanol	16 ng/ml

LOD*¹

*¹ LOD (Limit of Detection); Validation according SANCO/1085/2000.

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