



## User's Manual

# Flumequine ELISA kit



DEIA-XY29



96T



This product is for research use only and is not intended for diagnostic use.

For illustrative purposes only. To perform the assay the instructions for use provided with the kit have to be used.

---

### Creative Diagnostics

 Address: 45-1 Ramsey Road, Shirley, NY 11967, USA

 Tel: 1-631-624-4882 (USA) 44-161-818-6441 (Europe)  Fax: 1-631-938-8221

 Email: [info@creative-diagnostics.com](mailto:info@creative-diagnostics.com)  Web: [www.creative-diagnostics.com](http://www.creative-diagnostics.com)

---

## PRODUCT INFORMATION

### Intended Use

Flumequine is a second generation quinolone antibiotic and is mainly active against Gram negative bacteria. It is used in bovine, ovine, poultry, rabbits, goats, horses and salmonidae. As all other (fluoro)quinolones, flumequine acts by inhibiting bacterial DNA-gyrase, thus disrupting its activity by interfering with the DNA annealing reaction. The MRLs for flumequine in the different matrices depend on the matrix and the species from which the matrix originates.

### Storage

2-8°C

### Detection Limit

13 ppb for milk, 1 ppb for serum, <0.1 ppb for meat, <0.1 ppb for shrimp, 3.5 ppb for egg, 5.5 ppb for urine, 10 ppb for feed, <10 ppb for honey, 3 ppb for water

### Specificity

The kit for Flumequine and the antibody used in the ELISA test is specific for flumequine and does not cross-react with any of the other fluoroquinolones tested.