

ADDITIONAL INFORMATION

Related Product Information for F elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Enrofloxacin antigen. Standards or samples are added to the appropriate microtiter plate wells with Enrofloxacin specific antibody and Horseradish Peroxidase (HRP) conjugated anti-antibody. The competitive inhibition reaction is launched between pre-coated Enrofloxacin and Enrofloxacin in standards or samples with the Enrofloxacin special antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of Enrofloxacin in the standards or samples. The color development is stopped and the intensity of the color is measured!!Background/Introduction: Enrofloxacin belongs to chemical synthesis bacteriostatic agent of fluoroquinolones and it has antibacterial effect for both Gram-positive and Gram-negative bacteria. Enrofloxacin is widely distributed in various tissues and its metabolite-ciprofloxacin with strong antibacterial effect. Enrofloxacin has been widely used in animal husbandry and aquaculture. The long-term edible food with low Enrofloxacin residue is harmful to human health and results in occurrence of food-borne disease. The method of instrumental analytical is major to detect Enrofloxacin, but it needs expensive instruments, professional operators and complex pre-treatment; While the method of enzyme linked immunoassay has advantages with simple, rapid, high sensitivity, good specificity and low cost. This kit is a detection product developed based on ELISA technology, with operation time as short as 50 min and a sensitivity of 0.1 ppb, and linear range from 0.1 ppb to 8.1 ppb.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	86821856
NCBI GeneID	407998
UniProt Accession #	Q2KJB4; Q5NTB3
Molecular Weight	38,368 Da
NCBI Official Full Name	F11 protein
NCBI Official Synonym Full Names	coagulation factor XI
NCBI Official Symbol	F11
NCBI Official Synonym Symbols	FXI
NCBI Protein Information	coagulation factor XI; PTA; blood coagulation factor XI; plasma thromboplastin antecedent; coagulation factor XI (plasma thromboplastin antecedent)
UniProt Protein Name	F11 protein
UniProt Gene Name	F11
UniProt Entry Name	Q2KJB4_BOVIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/f-mouse-elisa-kits/coagulation-factor-xi-fxi/112514>