

Enrofloxacin-BSA conjugate

Catalog Number: CSB-MC00071a0101



Product name	Enrofloxacin-BSA conjugate
Product number	CSB-MC00071a0101
Synonyms	Baytril, enrofloxacin, CFPQ, enrofloxacin, enrofloxacinum, enrofloxacin
Application	ELISA, Immune colloidal gold, Immunochromatography
Quality	1mg
Formation	Dry powder
Purification	Dialysis
Carrier protein	Bovine serum albumin(BSA)
Buffer	0.01mol/L, pH 7.4 PBS
Storage	Short-term store at 4°C, Long-term store at -20°C. Avoid repeated freeze.
Remarks	For research use only
Introduction	Enrofloxacin is a synthetic chemotherapeutic agent from the class of the fluoroquinolone carboxylic acid derivatives. It has antibacterial activity against a broad spectrum of Gram-negative and Gram-positive bacteria. Due to concerns about drug residues entering the food chain and contributing to Bacterial resistance, a maximum residue limit(MRL)has been set for several new quinolones. Thus, MRL for new quinolones has been fixed at 100 mg/kg in the US and European Union, while it has been fixed as Low as 20 mg/kg in Japan.
References	[1] Yu F, Wu Y, Yu S, Zhang H, Zhang H, Qu L, Harrington Pde B. A competitive chemiluminescence enzyme immunoassay for rapid and sensitive determination of enrofloxacin. Spectrochim Acta A Mol Biomol Spectrosc. 2012 Jul;93:164-8. [2] Chen X, Xu H, Lai W, Chen Y, Yang X, Xiong Y. A sensitive chromatographic strip test for the rapid detection of enrofloxacin in chicken muscle. Food Addit Contam Part A Chem Anal Control Expo Risk Assess. 2012;29(3):383-91. [3]Candlish A A, Stimson W H, Smith J E. 1988. Determination of ochratoxin A by monoclonal antibody-based enzyme immunoassay. J Assoc Off Anal Chem71:961-964.