

Ofloxacin -BSA conjugate

Catalog Number: CSB-MC00331a0101



Product name	Ofloxacin -BSA conjugate
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Synonyms	Floxin, Tarivid, Ofloxacin, Ofloset, Exocin, Ocuflax, Oxaldin, Visiren, Exocine
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	<p>Ofloxacin is a synthetic chemotherapeutic antibiotic of the fluoroquinolone drug class considered to be a second-generation fluoroquinolone. The original brand, Floxin, has been discontinued by the manufacturer in the United States on 18 June 2009, though generic equivalents continue to be available. Like other quinolones, ofloxacin has been associated with a significant number of serious adverse drug reactions, such as tendon damage (including spontaneous tendon ruptures) and peripheral neuropathy (which may be irreversible).</p>
References	<p>Pimenta AM, Souto MR, Catarino RI, Leal MF, Lima JL. Ofloxacin determination in urine, serum and pharmaceuticals using an automatic flow potentiometric system. <i>Anal Sci.</i> 2013;29(9):893-898;</p> <p>Nam YH, Kim JE, Kim SH, Jin HJ, Hwang EK, Shin YS, Ye YM, Park HS. Immunologic evaluation of ofloxacin hypersensitivity. <i>Allergy Asthma Immunol Res.</i> 2012 Nov;4(6):367-369;</p> <p>Liu YZ, Zhao GX, Wang P, Liu J, Zhang HC, Wang JP. Production of the broad specific monoclonal antibody against sarafloxacin for rapid immunoscreening of 12 fluoroquinolones in meat. <i>J Environ Sci Health B.</i> 2013;48(2):139-146</p>