

AP09772PU-N**Polyclonal Antibody to Nalidixic Acid - Ig Fraction**

Alternate names:	1-ethyl-7-methyl-4-oxo-[1, 8]naphthyridine-3-carboxylic acid
Quantity:	0.1 ml
Concentration:	6.17mg/ml (U.V.abs @ 280nm)
Background:	Nalidixic acid (C ₁₂ H ₁₂ N ₂ O ₃ , systematic name 1-ethyl-7-methyl-4-oxo-[1,8]naphthyridine-3-carboxylic acid) is a quinolone antibiotic which inhibits DNA-gyrase. It is used in the treatment of urinary tract infections as it reaches high levels in the urine and is effective over the entire urinary pH range.
Host / Isotype:	Sheep / IgG
Immunogen:	Nalidixic Acid-BTG
Format:	State: Liquid Ig fraction prepared by Caprylic Acid and Ammonium Sulphate precipitation procedures Buffer System: 20mM Phosphate, 150mM Sodium Chloride, pH 7.2 containing 0.09% Sodium Azide as preservative
Applications:	ELISA: 0.625µg/ml. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody reacts to Nalidixic Acid.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.