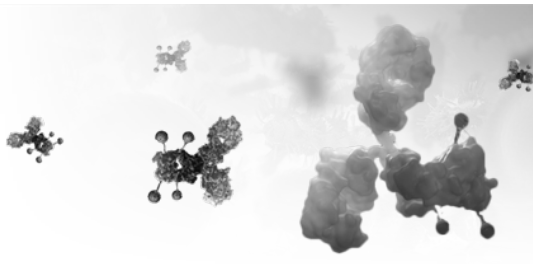

Oxolinic Acid [HRP] (DAG1267)

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

PRODUCT INFORMATION

Product Overview	Oxolinic Acid, HRP conjugate
Antigen Description	The quinolones are antimicrobial agents that inhibit the activity of DNA gyrase and topoisomerase IV. The fluoroquinolones are divided into 2 groups, based on antimicrobial spectrum and pharmacology: The quinolones are active against a broad range of bacteria including Enterobacteriaceae, Streptococci, Chlamydia and Legionella. Older quinolones such as ciprofloxacin and norfloxacin have poor activity against streptococci and anaerobes. The quinolones are widely distributed to most body fluids and tissues. They are variably metabolised in the liver and excreted in the urine. Quinolones are used extensively in veterinary medicine and their use in food producing animals could result in potentially harmful concentrations in tissue, organs and milk. The potential risk is reduced by withdrawal of the drug for a fixed period before slaughter, although residual levels may remain.
Species	N/A
Conjugate	HRP
Format	Concentrate
Size	0.5 ml
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Oxolinic acid is a quinolone antibiotic developed in Japan in the 1970s. Dosages 12–20 mg/kg orally administered for five to ten days. The antibiotic works by inhibiting the enzyme DNA gyrase. It also acts as a dopamine reuptake inhibitor and has stimulant effects in mice.

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Keywords	Oxolinic acid

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