

Etodolac, HRP conjugate

DAG1190

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Etodolac, HRP conjugate
Antigen Description	Etodolac is a nonsteroidal anti-inflammatory agent with potent analgesic and antiarthritic properties. It is effective in the treatment of osteoarthritis, rheumatoid arthritis, ankylosing spondylitis, and in the alleviation of postoperative pain. Etodolac is the international non-proprietary name of 1,8-diethyl-1,3,4,9-tetrahydropyrano-[3,4-b]indole-1-acetic acid.
Source	NSAIDs
Conjugate	HRP
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxidase and is suitable as a tracer in immunoassay development

PACKAGING

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.
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BACKGROUND

Introduction	Etodolac belongs to a class of drugs called nonsteroidal anti-inflammatory drugs (NSAIDs). These drugs are used for the management of mild to moderate pain, fever, and inflammation. They work by reducing the levels of prostaglandins, which are chemicals that are responsible for pain and the fever and tenderness that occur with inflammation. Etodolac blocks the enzyme that makes prostaglandins (cyclooxygenase), resulting in lower concentrations of prostaglandins. As a consequence, inflammation, pain and fever are reduced. The U.S. Food and Drug Administration approved etodolac in January 1991.
Keywords	Etodolac; (RS)-2-(1,8-Diethyl-4,9-dihydro-3H-pyrano[3,4-b]indol-1-yl)acetic acid; ay24236; ultradol; Lodine; Tedolan; Ultrado; NIH 9918; Ramodar; Zedolac; Hypen; Osteluc

REFERENCES

1. Behari, J; Zeng, G; Otruba, W; Thompson, MD; Muller, P; Micsenyi, A; Sekhon, SS; Leoni, L et al. (2007). "R-Etodolac Decreases Beta-Catenin Levels Along with Survival and Proliferation of Hepatoma Cells". Journal of hepatology 46 (5): 849–57. DOI:10.1016/j.jhep.2006.11.017. PMC 1924913. PMID 17275129.