

Ampicillin, HRP conjugate

Cat.No:DAG1021

Lot. No. (See product label)

PRODUCT INFORMATION

Storage	Can be stored at 2-8°C for up to 3 months and at -20°C for longer term storage.
Antigen Description	b-lactam antibiotics are among the most widely used antibiotics for the treatment of bacterial infections in man and animals. b-lactams are also administered to animals in feed for growth promotion and for collective prophylactic treatment. The monitoring of b-lactam residues in edible tissues and milk is important because of the hypersensitivity of some individuals to these antibiotics and also the emergence of antibiotic-resistant strains of bacteria. For this reason, maximum residue limits have been specified for food products and milk to try and control the levels of these antibiotics reaching the consumer.
conjugate	HRP
Source	Antimicrobial Drugs
Form	concentrate
Characteristic	Each conjugate comprises antigen covalently bound to horseradish peroxide and is suitable as a tracer in immunoassay development

Background

Introduction	Ampicillin is a beta-lactam antibiotic that is part of the aminopenicillin family and is roughly equivalent to its successor, amoxicillin in terms of spectrum and level of activity.[1] It can sometimes result in reactions that range in severity from a rash (in the case of patients that may unwittingly have mononucleosis) to potentially lethal allergic reactions such as anaphylaxis. However, as with other penicillin drugs, it is relatively non-toxic and adverse effects of a serious nature are encountered only rarely
Keywords	Ampicillin; beta-lactam antibiotic; (2S,5R,6R)-6-([(2R)-2-amino-2-phenylacetyl]amino)-3,3-dimethyl-7-oxo-4-thia-1-azabicyclo[3.2.0]heptane-2-carboxylic acid; ampicillin,cilleral,principen; lifeampil; morepen; nci-c56086; pensyn; ro-ampen; trafarbiot