



## Zilpaterol [HRP] (DAG1335)

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

### PRODUCT INFORMATION

Product Overview	Zilpaterol, HRP conjugate
Antigen Description	β-agonists are compounds having a stimulatory effect on β-adrenergic receptors and are used in human and veterinary medicine as bronchodilatory agents. The group includes drugs such as clenbuterol, carbuterol, salbutamol, methylclenbuterol, brombuterol, terbutaline, mabuterol, pирbutерол and mapenterol. The metabolism of β-agonists is dependent on the chemical properties of each drug, with excretion reported in bile, urine, faeces and milk. Accumulation of β-agonists has been reported in tissues including liver, kidney and pigmented tissue e.g.
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	Zilpaterol (zilpaterol hydrochloride) is a beta-adrenergic agonist. Under its trade name, Zilmax, it is used to increase the size of cattle and the efficiency of feeding them. Zilmax is produced by Intervet, a subsidiary of Merck and Co., and marketed as a "beef improvement technology". Zilpaterol is typically fed in the last three to six weeks of cattle's lives, with a brief period (three days in the US) before death for withdrawal, which allows the drug to mostly leave the animal's tissues.
Keywords	Zilpaterol