

## Dexamethasone, HRP conjugate

DAG1086

Lot. No. (See product label)

### PRODUCT INFORMATION

<b>Product overview</b>	Dexamethasone, HRP conjugate
<b>Antigen Description</b>	Corticosteroids are a group of natural and synthetic analogues of the hormones secreted by the pituitary gland. These include glucocorticoids, such as dexamethasone, flumethasone and $\beta$ -methasone. Synthetic glucocorticoids are commonly used in veterinary medicine as anti-inflammatory agents, and illicit use as growth-promoters is suspected. Dexamethasone is rapidly absorbed and excreted in urine and faeces, primarily as the parent molecule, tracer and inactive 6-hydroxy metabolites.
<b>Source</b>	Corticosteroids
<b>Conjugate</b>	HRP
<b>Form</b>	concentrate
<b>Characteristic</b>	Each conjugate comprises antigen covalently bound to horseradish peroxide 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.

### BACKGROUND

<b>Introduction</b>	Dexamethasone is a potent synthetic member of the glucocorticoid class of steroid drugs. It acts as an anti-inflammatory and immunosuppressant. When taken orally, it is 26.6 times more potent than the naturally occurring hormone cortisol and 6.6 times more potent than prednisone.
<b>Keywords</b>	Dexamethasone; (8S,9R,10S,11S,13S,14S,16R,17R)-9-Fluoro-11,17-dihydroxy-17-(2-hydroxyacetyl)-10,13,16-trimethyl-6,7,8,9,10,11,12,13,14,15,16,17-dodecahydro-3H-cyclopenta[a]phenanthren-3-yl; Aroseb-Dex; Bisu DS; Cortisumman; Decaspray

### REFERENCES

1. JECFA (1995) Evaluation of certain veterinary drug residues in food: Forty-second report of the Joint FAO/WHO Expert Committee on Food Additives, WHO Technical Report Series. 1998, 851: 27-30.