Cortisone, HRP conjugate

DAG1073

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	Cortisone, HRP conjugate
Antigen Description	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 β-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.
Source	Corticosteroids
Conjugate	HRP
Form	concentrate
Characteristic	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

Introduction	Cortisone is a steroid hormone. It is one of the main hormones released by the adrenal gland in response to stress. In chemical structure, it is a corticosteroid closely related to corticosterone. It is used to treat a variety of ailments and can be administered intravenously, orally, intraarticularly, or transcutaneously. Cortisone suppresses the immune system, thus reducing inflammation and attendant pain and swelling at the site of the injury. Risks exist, in particular in the long-term use of cortisone.
Keywords	Cortisone; 17-hydroxy-11-dehydrocorticosterone; (8S,9S,10R,13S,14S,17R)-17-hydroxy-17-(2-hydroxyacetyl)-10,13-dimethyl-1,2,6,7,8,9,12,14,15,16-decahydrocyclopenta[a]phenanthrene-3,11-dione; Adrenalex; Incortin; Pregn-4-en-17alpha,21-diol-3,11,20-trione; Scheroson

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.

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