SUITABLE FOR

CosACTHen®

For the evaluation of adrenocortical function in dogs

KEY FEATURES

- 0.25 mg/mL Tetracosactide solution for injection for dogs
- The first veterinary licensed tetracosactide
- Available in 1 mL single-use vials
- Store in the fridge and use the contents immediately once vial is broached

The **Dechra Endocrinology App** is here to help with the diagnosis, monitoring and treatment of hypoA, Cushing's Syndrome and Feline hyperthyroidism.

GET IT ON Google Play

Download on the App Store

WHEN TO USE

Tetracosactide is used during an ACTH stimulation test to assess adrenocortical function of patients with endocrine diseases, such as Cushing's Syndrome and hypoadrenocorticism (hypoA). As these cases can appear on an unpredictable basis, CosACTHen® is an ideal product to keep in the fridge ready for when a case is presented.

HOW TO USE

Administer 5 µg/kg (0.02 mL/kg) by intravenous or intramuscular injection, with the purpose of performing the ACTH stimulation test. Take the first blood sample immediately prior to administering the product and take the second blood sample between 60 and 90 minutes after administration of the product, to assess the cortical response.

PACK SIZE

Available in a 1mL vial

Registered pursuant to the ACVM Act 1997, No: A011944. See www.foodsafety.govt.nz for registration conditions.

For more information please contact your Dechra Veterinary Account Manager

Visit our website **www.dechra.co.nz**

Call us on **0800 479 838**

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FAQ – CosACTHen®
(Tetracosactide 0.25 mg/mL)

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1. What dose of CosACTHen® should I use?

Dose = 5 µg/kg (0.02 mL/kg)

Weight of Dog	Dose of active ingredient	Dose	Amount to administer of CosACTHen®
5 kg	25 µg	5 µg/kg	0.1 mL
10 kg	50 µg	5 µg/kg	0.2 mL
15 kg	75 µg	5 µg/kg	0.3 mL
20 kg	100 µg	5 µg/kg	0.4 mL
25 kg	125 µg	5 µg/kg	0.5 mL
30 kg	150 µg	5 µg/kg	0.6 mL
40 kg	200 µg	5 µg/kg	0.8 mL
50 kg	250 µg	5 µg/kg	1 mL

2. Do I have to give it IV?

CosACTHen® can be given via the intravenous or intramuscular route with the purpose of performing the ACTH stimulation test. The process is as follows: take the first blood sample immediately prior to administering the product and take the second blood sample between 60 and 90 minutes after administration of the product, to assess the cortical response.

3. Can I freeze it like I used to do with the human product, Synacthen?

No, the label states that the product should not be frozen. It also notes that once the vial has been broached and an amount taken from it, the remainder should be discarded.

Dechra have priced CosACTHen® competitively. We will also have good availability of the product that will not be affected by the human market. The need to freeze part-vials of Synacthen was driven by cost and availability. These factors should no longer be an issue with the launch and pricing of CosACTHen®.

4. How do I store CosACTHen®?

The label specifies that it should be stored under refrigerated conditions between (2 and 8°C). Do not freeze. Tetracosactide also degrades when exposed to light, so CosACTHen® should be stored in its cardboard outer in the fridge.

5. I have a 60kg dog, what dose should I use?

Dogs weighing over 50kg will require more than 1 vial of CosACTHen®. 60kg dogs would need 1.2 mL volume.

6. I have a dog that weighs less than 4.5kg. Can I still use the product?

The label advises that the product has not been studied in dogs under 4.5kg. Caution is advised for dogs <4.5kg because the volume required would be difficult to draw up and administer. An insulin syringe could be considered. Note also that the safety studies have shown that 56-280 µg/kg has been administered with no toxicological side effects.

A risk: benefit assessment should be considered by the responsible veterinarian.

7. My patient has diabetes mellitus and/or hypothyroidism. Can I still use CosACTHen®?

The label advises that the product has not been studied in patients with diabetes mellitus and hypothyroidism. Patients with these conditions were excluded from the study. However, there is no known reason that CosACTHen® should pose any additional risk than other forms of tetracosactide you may have used in the past.

A risk: benefit assessment should be considered by the responsible veterinarian.

8. What is the shelf life of CosACTHen®?

2 years

9. What are the possible side effects?

Vomiting was observed commonly during clinical studies.

Application site bruising (IM route), injection site haematoma (IV route), depression, diarrhoea, salivation, lameness and nervousness occurred uncommonly during these studies.

10. What are the signs that my case is having a hypersensitivity reaction to CosACTHen®?

Injected mucous membranes, inguinal erythema, facial oedema and tachycardia.

11. Are there any contraindications for its use?

CosACTHen® was not tested on pregnant or lactating dogs and could cause adverse effects in pregnancy and be detrimental to the foetus or newborn pup, so we cannot recommend its use in these circumstances.

The product is contraindicated when there is a hypersensitivity to the active ingredient or excipients.

Handling of the product should also be avoided by pregnant or breastfeeding women.

12. I have a 4-month-old puppy with possible hypoadrenocorticism, and I would like to perform and ACTH stim test, however the label states to use precaution in dogs under 5 months old. Why would this be?

This is because these animals were not included in any trials, so we do not have specific safety information about them.

A risk: benefit assessment should be considered by the responsible veterinarian.

13. Why is CosACTHen® for single use only?

CosACTHen® contains no antimicrobial ingredients and so when the stopper is broached, the CosACTHen® could become contaminated. Tetracosactide degrades in the presence of oxygen. The vials headspace is filled with nitrogen gas. When the stopper is broached, oxygen will get into the vial.