9051 Mira Mesa Blvd, #910094
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Procalcitonin Canine

Procalcitonin Canine Recombinant
HRM0084

Product Overview

Name	Procalcitonin Canine
Description	
Procalcitonin Canine Recombinant	
Accession (Primary)	P41547
Synonyms	
Calcitonin, Calca, Calc, CCALCI.	
Introduction	
Procalcitonin is a peptide hormone mainly produced by the C cells of the thyroid and certain endocrine cells of the lung. Under normal expression conditions, procalcitonin is immediately cleaved into three specific fragments, an N terminal residue, calcitonin and katacalcin. Levels of unprocessed procalcitonin rise significantly after bacterial infection, trauma or shock.	
Source	
Escherichia Coli.	
Physical Appearance	
Filtered White lyophilized (freeze-dried) powder.	
Formulation	
Procalcitonin was filtered (0.4 µm) and lyophilized in 20mM TRIS and 50mM NaCl, pH 7.2.	
Stability	
Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MKHHHHHHAS APFRSALEGL PDPTALSEKE GRLLLAALVK AYVQRKNELE QEQEQETEGS SLDSSRAKRC SNLSTCVLGT YSKDLNNFHT FSGIGFGAET PGKKRDIASG LERGR.	
Solubility	
It is recommended to add deionized water to prepare a working stock solution of approximately 0.5 mg/ml and let the	

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lyophilized pellet dissolve completely. Procalcitonin is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.

Precautions

Procalcitonin Canine is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P41547)