

## Equine Calcitonin Gene-Related Peptide 1 (PCT) ELISA Kit-Sandwich

**Cat. No.:** EK1F103

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Equine Calcitonin Gene-related Peptide 1 (PCT) ELISA Kit-Sandwich is designed for the quantitative determination of Equine Calcitonin Gene-related Peptide 1 (PCT) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

### Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Equine PCT.
Target Species	Equine
Species Reactivity	Equine
Detection Range	31.25-2000 pg/mL
Sensitivity	12.7 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 210 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

### Target Information

Calcitonin gene-related peptide 1 is encoded by the *PCT* gene in horses. It is also known as procalcitonin. It is produced by many types of cells in the body. A high level of procalcitonin in the blood may be a sign of a serious infection or sepsis. It is a member of the CGRPs, which are pleiotropic neuropeptides found in the central and peripheral nervous systems and also in thyroid C-cells.

Target/Biomarker	Equine PCT
Target Synonym	Pro-Calcitonin
Gene ID	<a href="#">100033906</a>
UniProt ID	<a href="#">Q9N0T2</a>

## Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.