

Cat Calcitonin, CT ELISA Kit | CT elisa kit

Cat Calcitonin, CT ELISA Kit

CATALOG #
AAA123029

REACTIVITY
Cat

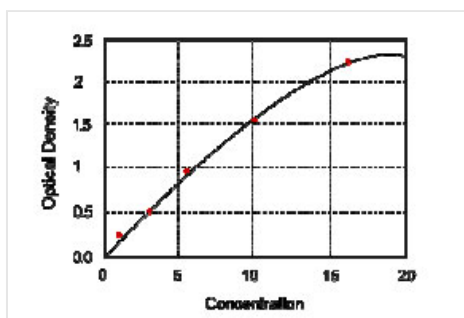
PRODUCT SYNONYMS

Calcitonin; CT; Cat Calcitonin; CT ELISA Kit; CT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cat
Sequence Length	141
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.38-24pg/ml
Sensitivity	0.2pg/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CT elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Cat Calcitonin (also known as CT) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Cat CT antibody. CT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Cat CT Antibody is added and binds to CT in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CT antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Cat CT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502545
NCBI GeneID	796
NCBI GenBank Nucleotide #	NP_001732.1
UniProt Accession #	P01258; P06881
NCBI Official Full Name	calcitonin isoform CT preproprotein
NCBI Official Synonym Full Names	calcitonin related polypeptide alpha
NCBI Official Symbol	CALCA
NCBI Official Synonym Symbols	CT; KC; PCT; CGRP; CALC1; CGRP1; CGRP-I
NCBI Protein Information	calcitonin; calcitonin gene-related peptide 1
UniProt Protein Name	Calcitonin
UniProt Gene Name	CALCA
UniProt Synonym Gene Names	CALC1; CCP
UniProt Entry Name	CALC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/cat-elisa-kits/calcitonin-ct/123029>