

Mouse Calcitonin, CT ELISA Kit | CT elisa kit

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CATALOG #
AAA41420

REACTIVITY
Mouse

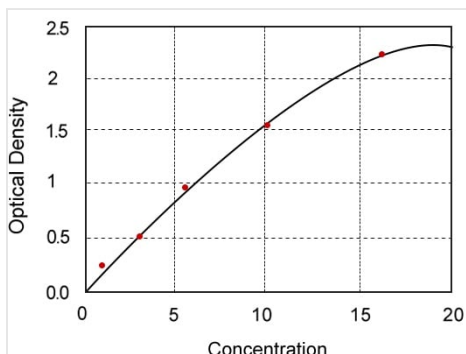
PRODUCT SYNONYMS

Calcitonin; CT; Mouse Calcitonin; CT ELISA Kit; CT elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	141
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5pg/ml - 1000pg/ml
Sensitivity	2.54pg/ml
Intra-Assay	CV<8%
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 Mouse Calcitonin (also known as CT) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CT antibody. CT present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse 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 Mouse CT. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	179820
NCBI GeneID	796
UniProt Accession #	P01258; Q13935; Q13937; Q52LX7; B7ZL39; P06881
Molecular Weight	15,535 Da
NCBI Official Full Name	calcitonin
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

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.

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Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/calcitonin-ct/41420>