

Rat calcitonin-related polypeptide alpha ELISA Kit | CALCA elisa kit

Rat Calcitonin, CT ELISA Kit

CATALOG #
AAA15418

REACTIVITY
Rat

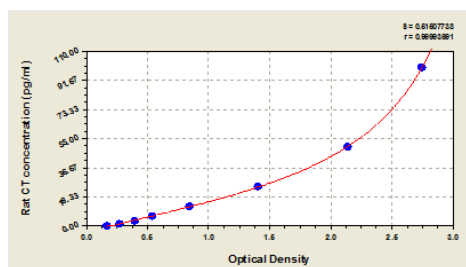
PRODUCT SYNONYMS

calcitonin-related polypeptide alpha; Rat Calcitonin; CT ELISA Kit; CALC1; CGRP; CGRP-I; CGRP1; CT; KC; MGC126648; calcitonin 1; calcitonin gene-related peptide 1; calcitonin/calcitonin-related polypeptide; alpha; katalcalcin; CALCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse CST7. No significant cross-reactivity or interference between mouse CST7 and analogues was observed.
Sequence Length	128
Samples	Serum, Plasma, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.039 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CALCA elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CST7 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CST7 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CST7 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CST7 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76880482
NCBI GeneID	24241
NCBI Accession #	NP_001029127.1
NCBI GenBank Nucleotide #	NM_001033955.1
UniProt Accession #	P01256; P01257
Molecular Weight	13,948 Da
NCBI Official Full Name	calcitonin gene-related peptide 1 isoform Cgrp preproprotein
NCBI Official Synonym Full Names	calcitonin-related polypeptide alpha
NCBI Official Symbol	Calca
NCBI Official Synonym Symbols	CAL6; CGRP; Cal1; Calc; RATCAL6; calcitonin
NCBI Protein Information	calcitonin gene-related peptide 1; CGRP-I; alpha-type CGRP; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha
UniProt Protein Name	Calcitonin gene-related peptide 1
UniProt Gene Name	Calca
UniProt Synonym Gene Names	Calc; CGRP-I
UniProt Entry Name	CALCA_RAT

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/calca-rat-elisa-kits/calcitonin-related-polypeptide-alpha/15418>