

Rat Calcitonin Gene Related Peptide (CGRP) ELISA Kit | CGRP elisa kit

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CATALOG # AAA12896	REACTIVITY Rat
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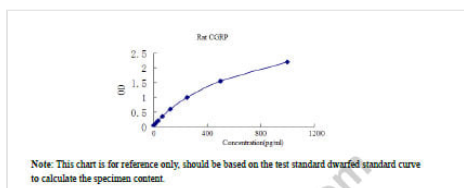
PRODUCT SYNONYMS

Calcitonin Gene Related Peptide (CGRP); Rat Calcitonin Gene Related Peptide (CGRP) ELISA KIT; CGRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	128
Samples	Rat serum, plasma or cell culture supernatant and organizations in the natural and recombinant CGRP concentration.
Assay Type	Quantitative Sandwich
Sensitivity	Up to 5 pg/ml.
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CGRP elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat CGRP monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	76880478
NCBI GeneID	796
NCBI Accession #	NP_001029125.1

NCBI GenBank Nucleotide #	NM_001033953.2
Molecular Weight	15,466 Da
NCBI Official Full Name	calcitonin gene-related peptide 1 isoform alpha-CGRP preproprotein
NCBI Official Synonym Full Names	calcitonin-related polypeptide alpha
NCBI Official Symbol	CALCA
NCBI Official Synonym Symbols	CT; KC; CGRP; CALC1; CGRP1; CGRP-I
NCBI Protein Information	calcitonin; calcitonin gene-related peptide 1; katalcalcin; calcitonin 1; 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	CALC1; CGRP-I
UniProt Entry Name	CALCA_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.

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Online datasheet: <https://stage.aaabiotech.com/rat-elisa-kits/calcitonin-gene-related-peptide-cgrp/12896>