

Mouse calcitonin gene related peptide, CGRP ELISA Kit | CGRP elisa kit

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CATALOG #
AAA41679

REACTIVITY
Mouse

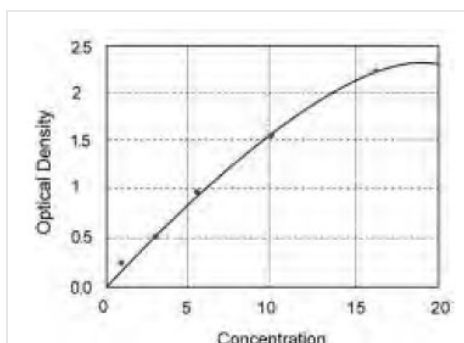
PRODUCT SYNONYMS

calcitonin gene related peptide; CGRP; Mouse calcitonin gene related peptide; CGRP ELISA Kit; CGRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	125
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	1-300ng/L
Sensitivity	0.51ng/L
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 CGRP elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CGRP antibody. CGRP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CGRP Antibody is added and binds to CGRP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CGRP 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 CGRP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse calcitonin gene related peptide (also known as CGRP) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	430768606
NCBI GeneID	396256
NCBI Accession #	NP_001258895.1
NCBI GenBank Nucleotide #	NM_001271966.1
UniProt Accession #	P10286; P07660
Molecular Weight	15,308 Da
NCBI Official Full Name	calcitonin gene-related peptide isoform 3 preproprotein
NCBI Official Synonym Full Names	calcitonin related polypeptide beta
NCBI Official Symbol	CALCB
NCBI Official Synonym Symbols	CALC; CGRP; CALCA
NCBI Protein Information	calcitonin gene-related peptide; calcitonin
UniProt Protein Name	Calcitonin gene-related peptide
UniProt Gene Name	CALCA
UniProt Synonym Gene Names	CALC; CGRP

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-gene-related-peptide-cgrp/41679>