

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

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CATALOG #
AAA12955

REACTIVITY
Mouse

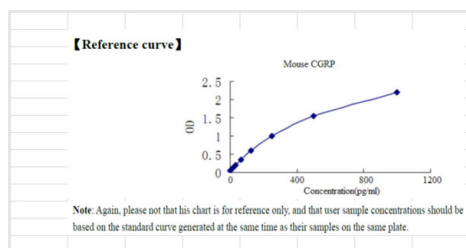
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	No cross-reaction with other factors.
Sequence Length	128
Assay Type	Sandwich
Detection Range	1000 pg/mL-15.6 pg/mL
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: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Mouse CGRP monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample 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; katecalcic; 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/mouse-elisa-kits/calcitonin-gene-related-peptide-cgrp/12955>