

Guinea Pig CGRP ELISA Kit | CGRP elisa kit

Guinea pig CGRP (Calcitonin Gene Related Peptide) ELISA Kit

CATALOG #
AAA163524

REACTIVITY
Guinea Pig

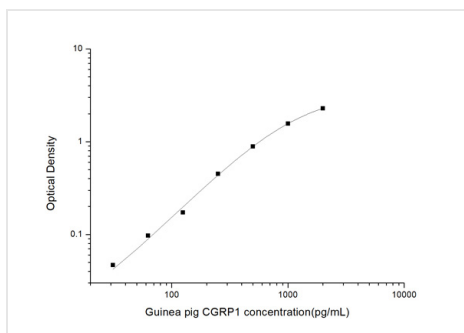
PRODUCT SYNONYMS

CGRP; Guinea pig CGRP (Calcitonin Gene Related Peptide) ELISA Kit; CGRP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Specificity	This kit recognizes natural and recombinant Guinea pig CGRP. No significant cross-reactivity or interference between Guinea pig CGRP and analogues was observed.
Sequence Length	128
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CGRP elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Guinea pig CGRP concentrations in serum, plasma and other biological fluids. Principle of the Assay This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to CGRP. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for CGRP and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain CGRP, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of CGRP. You can calculate the concentration of CGRP in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	76880478
NCBI GeneID	796
NCBI Accession #	NP_001029125.1
NCBI GenBank Nucleotide #	NM_001033953.2
UniProt Accession #	P06881; Q93048; Q9UCP0; P01258
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; alpha-type CGRP; calcitonin 1; calcitonin gene-related peptide I; calcitonin/calcitonin-related polypeptide, alpha; katacalcin
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.