

Mouse Calcr1 (Calcitonin gene-related peptide type 1 receptor) ELISA Kit | Calcr1 elisa kit

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CATALOG #
AAA250953

REACTIVITY
Mouse

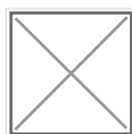
PRODUCT SYNONYMS

Calcr1 (Calcitonin gene-related peptide type 1 receptor); Mouse Calcr1 (Calcitonin gene-related peptide type 1 receptor) ELISA Kit; Calcr1; Calcitonin gene-related peptide type 1 receptor; CGRP type 1 receptor; Calcitonin receptor-like receptor; Calcr1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Specifically recognize Calcr1, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Calcr1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti Calcr1 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti Calcr1 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with Calcr1 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of Calcr1 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.

NCBI AND UNIPROT INFORMATION

NCBI GI #

213385308

NCBI GeneID	54598
NCBI Accession #	NP_061252.2
NCBI GenBank Nucleotide #	NM_018782.2
UniProt Accession #	Q9R1W5 ; Q9QXH8 ; Q9WUP2
Molecular Weight	53,265 Da
NCBI Official Full Name	calcitonin gene-related peptide type 1 receptor
NCBI Official Synonym Full Names	calcitonin receptor-like
NCBI Official Symbol	Calcr1
NCBI Official Synonym Symbols	CRLR; AV071593
NCBI Protein Information	calcitonin gene-related peptide type 1 receptor; CGRP type 1 receptor; calcitonin receptor-like receptor
UniProt Protein Name	Calcitonin gene-related peptide type 1 receptor
UniProt Gene Name	Calcr1
UniProt Synonym Gene Names	Crlr; CGRP type 1 receptor
UniProt Entry Name	CALRL_MOUSE

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/calcr1-calcitonin-gene-related-peptide-type-1-receptor/250953>