

Human Receptor Activity Modifying Protein 2 (RAMP2) ELISA Kit | RAMP2 elisa kit

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CATALOG #
AAA187276

REACTIVITY
Human

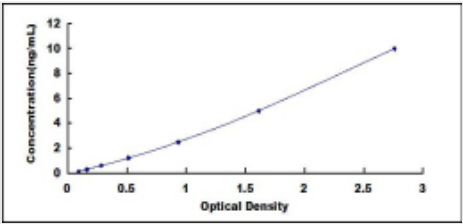
PRODUCT SYNONYMS

Receptor Activity Modifying Protein 2 (RAMP2); Human Receptor Activity Modifying Protein 2 (RAMP2) ELISA Kit; Calcitonin-receptor-like receptor activity-modifying protein 2; Receptor(G Protein-Coupled)Activity Modifying Protein 2; Receptor(Calcitonin)Activity Modifying Protein 2; RAMP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Receptor Activity Modifying Protein 2 (RAMP2). No significant cross-reactivity or interference between Receptor Activity Modifying Protein 2 (RAMP2) and analogues was observed.
Sequence Length	180
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Receptor Activity Modifying Protein 2 (RAMP2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Receptor Activity Modifying Protein 2 (RAMP2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAMP2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Receptor Activity Modifying Protein 2 (RAMP2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Receptor Activity Modifying Protein 2 (RAMP2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Receptor Activity Modifying Protein 2 (RAMP2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Receptor Activity Modifying Protein 2 (RAMP2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	118572585
NCBI GeneID	10266
NCBI Accession #	NP_005845.2
NCBI GenBank Nucleotide #	NM_005854.2
UniProt Accession #	O60895; Q8N1F2; A7L9S6; K7EMD3
Molecular Weight	20,063 Da
NCBI Official Full Name	receptor activity-modifying protein 2
NCBI Official Synonym Full Names	receptor activity modifying protein 2
NCBI Official Symbol	RAMP2
NCBI Protein Information	receptor activity-modifying protein 2
UniProt Protein Name	Receptor activity-modifying protein 2
UniProt Gene Name	RAMP2
UniProt Synonym Gene Names	CRLR activity-modifying protein 2

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.