

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

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CATALOG #
AAA63759

REACTIVITY
Human

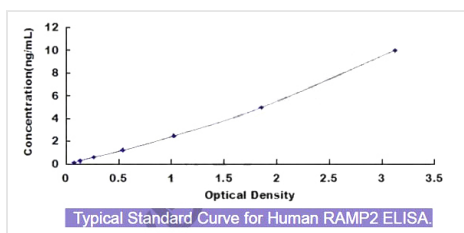
PRODUCT SYNONYMS

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 RAMP2. No significant cross-reactivity or interference between RAMP2 and analogues was observed.
Sequence Length	175
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates or other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.059ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RAMP2 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RAMP2 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RAMP2 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RAMP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 RAMP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of RAMP2 in human tissue homogenates or other biological fluids.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/receptor-activity-modifying-protein-2-ramp2/63759>