

Mouse Retinol Binding Protein 4, Plasma ELISA Kit | RBP4 elisa kit

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CATALOG #
AAA98146

REACTIVITY
Mouse

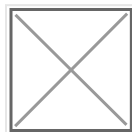
PRODUCT SYNONYMS

Retinol Binding Protein 4; Plasma; Mouse Retinol Binding Protein 4; Plasma ELISA Kit; RBP4/RBP4 (Retinol-Binding Protein 4)/interstitial/Plasma retinol-binding protein/retinol binding protein 4; plasma/retinol-binding protein 4; plasma; RBP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RAMP1. No significant cross-reactivity or interference between RAMP1 and analogues was observed.
Sequence Length	201
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RAMP1 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RAMP1 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
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 RBP4 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-RAMP1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-RAMP1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the RAMP1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of RAMP1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	18088326
NCBI GeneID	5950
Molecular Weight	23,010 Da
NCBI Official Full Name	Retinol binding protein 4, plasma
NCBI Official Synonym Full Names	retinol binding protein 4
NCBI Official Symbol	RBP4
NCBI Official Synonym Symbols	RDCCAS; MCOPCB10
NCBI Protein Information	retinol-binding protein 4
UniProt Protein Name	Retinol-binding protein 4
UniProt Gene Name	RBP4
UniProt Synonym Gene Names	PRBP; RBP
UniProt Entry Name	RET4_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/rbp4-mouse-elisa-kits/retinol-binding-protein-4-plasma/98146>