

Mouse Retinol-binding protein 1 ELISA Kit | RBP1 elisa kit

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CATALOG #
AAA99834

REACTIVITY
Mouse

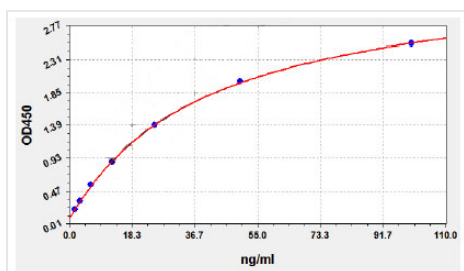
PRODUCT SYNONYMS

Retinol-binding protein 1; Mouse Retinol-binding protein 1 ELISA Kit; RBP1/RBP1 (Retinol Binding Protein 1; Cellular)/Retinol-binding protein 1/Cellular retinol-binding protein/CRBP/Cellular retinol-binding protein I/CRBP-I; RBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of RBP1. No significant cross-reactivity or interference between RBP1 and analogues was observed.
Sequence Length	136
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: CV<8%
Inter-assay Precision	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 RBP1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	148228265
NCBI GeneID	414642
NCBI Accession #	NP_001084682.1
NCBI GenBank Nucleotide #	NM_001091213.1
NCBI Official Full Name	retinol binding protein 1
NCBI Official Synonym Full Names	retinol binding protein 1
NCBI Official Symbol	rbp1
NCBI Official Synonym Symbols	CRBP1
NCBI Protein Information	retinol binding protein 1

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/rbp1-mouse-elisa-kits/retinol-binding-protein-1/99834>