

Rabbit RBP4 (Retinol Binding Protein 4) ELISA Kit | RBP4 elisa kit

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CATALOG #
AAA249864

REACTIVITY
Rabbit

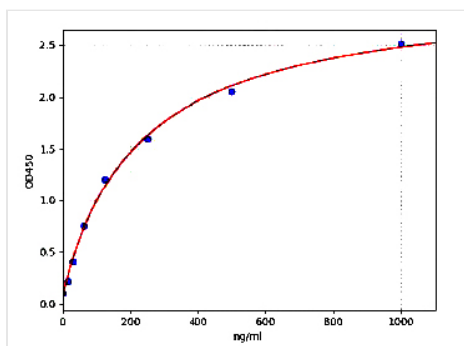
PRODUCT SYNONYMS

RBP4 (Retinol Binding Protein 4); Rabbit RBP4 (Retinol Binding Protein 4) ELISA Kit; Retinol-binding protein 4; Plasma retinol-binding protein; PRBP; RBP; RBP4; RBP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Specificity	This assay has high sensitivity and excellent specificity for detection of RBP4. No significant cross-reactivity or interference between RBP4 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	6.25-400ng/ml
Sensitivity	3.75ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	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. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	126722803
NCBI GeneID	100009161
NCBI Accession #	NP_001075790.1
NCBI GenBank Nucleotide #	NM_001082321.1
UniProt Accession #	P06912
Molecular Weight	23,102 Da
NCBI Official Full Name	retinol-binding protein 4
NCBI Official Symbol	RBP4
NCBI Official Synonym Symbols	RBP
NCBI Protein Information	retinol-binding protein 4; PRBP; plasma retinol-binding protein
UniProt Protein Name	Retinol-binding protein 4
UniProt Gene Name	RBP4
UniProt Synonym Gene Names	PRBP; RBP
UniProt Entry Name	RET4_RABIT

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://www.aaabiotech.com/rabbit-elisa-kits/rbp4-retinol-binding-protein-4/249864>