

Human RBP2 (Retinol Binding Protein 2) ELISA Kit | RBP2 elisa kit

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CATALOG #
AAA249591

REACTIVITY
Human

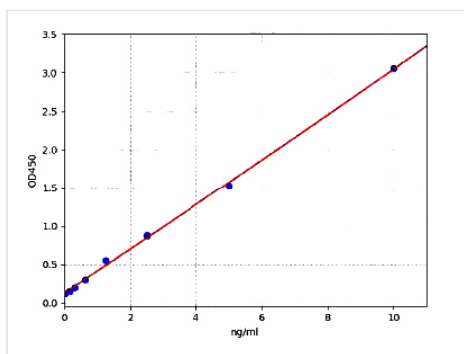
PRODUCT SYNONYMS

RBP2 (Retinol Binding Protein 2); Human RBP2 (Retinol Binding Protein 2) ELISA Kit; Retinol-binding protein 2; Cellular retinol-binding protein II; CRBP-II; CRBP2; RBP2; RBP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RBP2. No significant cross-reactivity or interference between RBP2 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	0.156-10ng/ml
Sensitivity	0.094ng/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 RBP2 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 #	40354214
NCBI GeneID	5948
NCBI Accession #	NP_004155.2
NCBI GenBank Nucleotide #	NM_004164.2
UniProt Accession #	P50120; Q6ISQ9; Q6ISS7; A8K7G3
Molecular Weight	15,707 Da
NCBI Official Full Name	retinol-binding protein 2
NCBI Official Synonym Full Names	retinol binding protein 2, cellular
NCBI Official Symbol	RBP2
NCBI Official Synonym Symbols	CRBP2; RBPC2; CRBP-II; CRABP-II
NCBI Protein Information	retinol-binding protein 2; CRBP-II; cellular retinol-binding protein II; retinol-binding protein 2, cellular
UniProt Protein Name	Retinol-binding protein 2
UniProt Gene Name	RBP2
UniProt Synonym Gene Names	CRBP2; CRBP-II
UniProt Entry Name	RET2_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/human-elisa-kits/rbp2-retinol-binding-protein-2/249591>