

Human Cellular retinoic acid-binding protein 2 ELISA Kit | CRABP2 elisa kit

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CATALOG #
AAA102374

REACTIVITY
Human

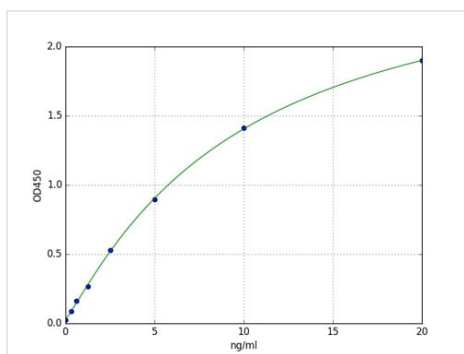
PRODUCT SYNONYMS

Cellular retinoic acid-binding protein 2; Human Cellular retinoic acid-binding protein 2 ELISA Kit; CRABP2/Cellular retinoic acid-binding protein 2/Cellular retinoic acid-binding protein II/CRABP-II; CRABP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	138
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a human CRABP2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.065	0.148	0.220	0.367	0.665	1.142	1.944	2.593

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CRABP2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human CRABP2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human CRABP2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 human CRABP2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human CRABP2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503029
NCBI GeneID	1382
NCBI Accession #	NP_001869.1
NCBI GenBank Nucleotide #	NM_001878.3
Molecular Weight	15,693 Da
NCBI Official Full Name	cellular retinoic acid-binding protein 2
NCBI Official Synonym Full Names	cellular retinoic acid binding protein 2
NCBI Official Symbol	CRABP2
NCBI Official Synonym Symbols	RBP6; CRABP-II
NCBI Protein Information	cellular retinoic acid-binding protein 2
UniProt Protein Name	Cellular retinoic acid-binding protein 2
UniProt Gene Name	CRABP2
UniProt Synonym Gene Names	CRABP-II
UniProt Entry Name	RABP2_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.

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Online datasheet: <https://stage.aaabiotech.com/crabp2-human-elisa-kits/cellular-retinoic-acid-binding-protein-2/102374>