

Human RBP1 ELISA Kit | RBP1 elisa kit

Human RBP1 (Retinol Binding Protein 1, Cellular) ELISA Kit

CATALOG #
AAA163715

REACTIVITY
Human

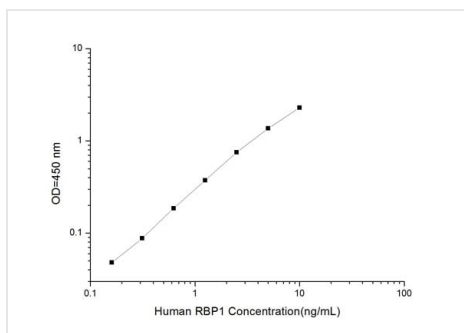
PRODUCT SYNONYMS

RBP1; Human RBP1 (Retinol Binding Protein 1; Cellular) ELISA Kit; RBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human RBP1. No significant cross-reactivity or interference between Human RBP1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human RBP1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	135
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RBP1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RBP1 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human RBP1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human RBP1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human RBP1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human RBP1. You can calculate the concentration of Human RBP1 in the samples by comparing the OD of the samples to the standard curve.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	49456963
NCBI GeneID	5947
UniProt Accession #	P09455; Q6FGX8; A8K2Q0; B7Z7A0; E7EWW0; F2Z2F2
Molecular Weight	17,523 Da
NCBI Official Full Name	RBP1, partial
NCBI Official Synonym Full Names	retinol binding protein 1, cellular
NCBI Official Symbol	RBP1
NCBI Official Synonym Symbols	CRBP; RBPC; CRBP1; CRBPI; CRABP-I
NCBI Protein Information	retinol-binding protein 1; CRBP-I; cellular retinol-binding protein I; retinol-binding protein 1, cellular
UniProt Protein Name	Retinol-binding protein 1
UniProt Gene Name	RBP1
UniProt Synonym Gene Names	CRBP1; CRBP; CRBP-I
UniProt Entry Name	RET1_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/rbp1/163715>