

Human RBP3 ELISA Kit | RBP3 elisa kit

Human RBP3 (Retinol Binding Protein 3, Interstitial) ELISA Kit

CATALOG #
AAA164887

REACTIVITY
Human

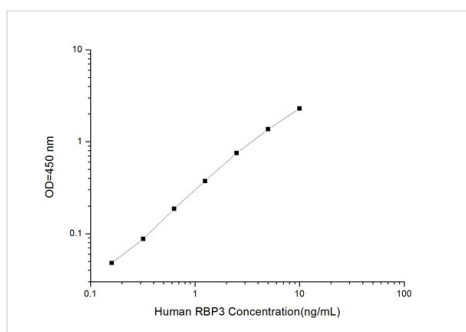
PRODUCT SYNONYMS

RBP3; Human RBP3 (Retinol Binding Protein 3; Interstitial) ELISA Kit; RBP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human RBP3 in samples. No significant cross-reactivity or interference between Human RBP3 and analogues was observed.
Sequence Length	1247
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human RBP3 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human RBP3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RBP3 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human RBP3. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human RBP3 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human RBP3, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop 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 RBP3. You can calculate the concentration of Human RBP3 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human RBP3 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506453
NCBI GeneID	5949
NCBI Accession #	NP_002891.1
NCBI GenBank Nucleotide #	NM_002900.2
UniProt Accession #	P10745; Q0QD34; Q5VSR0; Q8IXN0
Molecular Weight	135,363 Da
NCBI Official Full Name	retinol-binding protein 3
NCBI Official Synonym Full Names	retinol binding protein 3, interstitial
NCBI Official Symbol	RBP3
NCBI Official Synonym Symbols	IRBP; RBPI; RP66; D10S64; D10S65; D10S66
NCBI Protein Information	retinol-binding protein 3; interphotoreceptor retinoid-binding protein
UniProt Protein Name	Retinol-binding protein 3
UniProt Gene Name	RBP3
UniProt Synonym Gene Names	IRBP
UniProt Entry Name	RET3_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.