

Human Retinol binding protein 4, RBP-4 ELISA Kit | RBP-4 elisa kit

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CATALOG #
AAA42293

REACTIVITY
Human

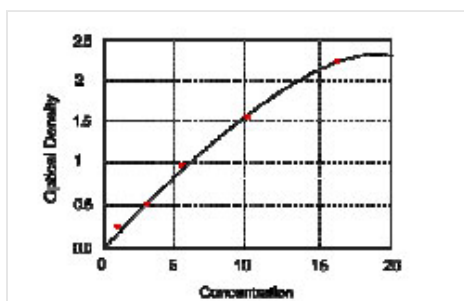
PRODUCT SYNONYMS

Retinol binding protein 4; RBP-4; Human Retinol binding protein 4; RBP-4 ELISA Kit; RBP-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	245
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	10ng/L-3800ng/L
Sensitivity	5.24ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RBP-4 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of human Regulated on Activation in Normal T-cell Expressed and Secreted/C-C Motif Chemokine 5 (also known as RANTES/CCL5) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human RANTES/CCL5 antibody. RANTES/CCL5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human RANTES/CCL5 Antibody is added and binds to RANTES/CCL5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RANTES/CCL5 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human RANTES/CCL5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226958688
NCBI GeneID	19662
NCBI Accession #	NP_001152959.1
NCBI GenBank Nucleotide #	NM_001159487.1
UniProt Accession #	Q00724; P70357; Q566I5
Molecular Weight	23,206 Da
NCBI Official Full Name	retinol-binding protein 4 isoform 1
NCBI Official Synonym Full Names	retinol binding protein 4, plasma
NCBI Official Symbol	Rbp4
NCBI Official Synonym Symbols	Rbp-4
NCBI Protein Information	retinol-binding protein 4
UniProt Protein Name	Retinol-binding protein 4
UniProt Gene Name	Rbp4
UniProt Synonym Gene Names	PRBP; RBP

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/human-elisa-kits/retinol-binding-protein-4-rbp-4/42293>