

Human RBP-4 ELISA Kit | RBP-4 elisa kit

RBP-4 Human ELISA Kit

CATALOG # AAA58933	REACTIVITY Human	APPLICATIONS ELISA
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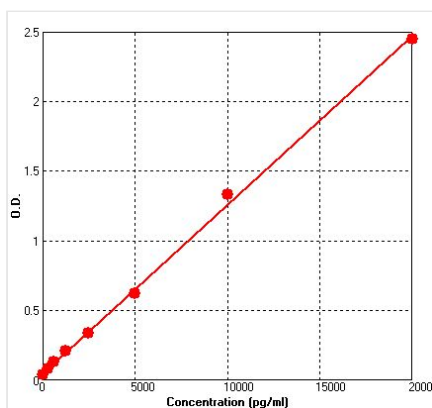
PRODUCT SYNONYMS

RBP-4; RBP-4 Human ELISA Kit; Human RBP-4; RBP-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Detection Range	500pg/ml- 10,000pg/ml.
Applicable Applications for RBP-4 elisa kit	ELISA
Preparation and Storage	Store at 2-8 degree C for 4 months, or at -20 degree C for 8 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RBP-4 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. The purified anti-E-selectinantibody was pre-coated onto 96-well plates. And the HRP conjugated anti-E-selectin antibody was used as detection antibodies. The standards, test samples and HRP conjugated detection antibody were added to the wells subsequently, mixed and incubated, then, unbound conjugates were washed away with wash buffer. TMB substrates (A&B) 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 E- selectin amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of E- selectin can be calculated. Background: E-selectin, also known as CD62 antigen-like family member E (CD62E), endothelial-leukocyte adhesion molecule 1 (ELAM-1), or leukocyte-endothelial cell adhesion molecule 2 (LECAM2), is a cell adhesion molecule expressed only on endothelial cells activated by cytokines. The ELAM gene is present in single copy in the human genome and contains 14 exons spanning about 13 kb of DNA[1]. E-selectin mediates the adhesion of tumor cells to endothelial cells, by binding to E-selectin ligands expressed by neutrophils, monocytes, eosinophils, memory-effector T-like lymphocytes, natural killer cells or cancer cells.
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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; RBP; PRBP; plasma retinol-binding protein; retinol binding protein 4, cellular
UniProt Protein Name	Retinol-binding protein 4
UniProt Gene Name	Rbp4
UniProt Synonym Gene Names	PRBP; RBP
UniProt Entry Name	RET4_MOUSE

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/rbp-4/58933>