

Rat Retinol-binding protein, RBP ELISA Kit | RBP elisa kit

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CATALOG #
AAA42799

REACTIVITY
Rat

PRODUCT SYNONYMS

Retinol-binding protein; RBP; Rat Retinol-binding protein; RBP ELISA Kit; RBP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1246
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	5ng/ml - 2000ng/ml
Sensitivity	2.62ng/ml
Intra-Assay	CV<8%
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 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Retinol-Binding Protein (also known as RBP) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat RBP antibody. RBP present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat RBP Antibody is added and binds to RBP in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated RBP 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 Rat RBP. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	307075
NCBI GeneID	5949
UniProt Accession #	P10745; Q0QD34; Q5VSR0; Q8IXN0
Molecular Weight	135,363 Da
NCBI Official Full Name	retinol-binding protein
NCBI Official Synonym Full Names	retinol binding protein 3
NCBI Official Symbol	RBP3
NCBI Official Synonym Symbols	IRBP; RBPI; RP66; D10S64; D10S65; D10S66
NCBI Protein Information	retinol-binding protein 3
UniProt Protein Name	Retinol-binding protein 3
UniProt Gene Name	RBP3
UniProt Synonym Gene Names	IRBP

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/rat-elisa-kits/retinol-binding-protein-rbp/42799>