

Rat retinol binding protein 4, plasma ELISA Kit | RBP4 elisa kit

Rat Retinol binding protein 4, RBP-4 ELISA Kit

CATALOG #
AAA80358

REACTIVITY
Rat

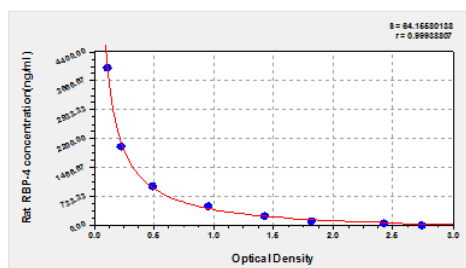
PRODUCT SYNONYMS

retinol binding protein 4; plasma; Rat Retinol binding protein 4; RBP-4 ELISA Kit; OTTHUMP00000020116; retinol-binding protein 4; interstitial; RBP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat RBP-4. No significant cross-reactivity or interference between rat RBP-4 and analogues was observed.
Sequence Length	201
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	39 ng/ml-2500 ng/ml
Sensitivity	< 39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RBP4 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RBP-4 has been precoated onto a microplate. Standards and samples are pipetted into the wells and any RBP-4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RBP-4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of RBP-4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126722803
NCBI GeneID	100009161
NCBI Accession #	NP_001075790.1
NCBI GenBank Nucleotide #	NM_001082321.1
UniProt Accession #	P06912
Molecular Weight	23,102 Da
NCBI Official Full Name	retinol-binding protein 4
NCBI Official Symbol	RBP4
NCBI Official Synonym Symbols	RBP
NCBI Protein Information	retinol-binding protein 4; PRBP; plasma retinol-binding protein
UniProt Protein Name	Retinol-binding protein 4
UniProt Gene Name	RBP4
UniProt Synonym Gene Names	PRBP; RBP
UniProt Entry Name	RET4_RABIT

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://www.aaabiotech.com/rbp4-rat-elisa-kits/retinol-binding-protein-4-plasma/80358>