

Human Retinol Binding Protein ELISA Kit | RBP3 elisa kit

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CATALOG #
AAA76918

REACTIVITY
Human

PRODUCT SYNONYMS

Retinol Binding Protein; Human Retinol Binding Protein ELISA Kit; RBP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Human biological samples
Intended Uses	The Retinol Binding Protein test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring Retinol Binding Protein in biological samples of Human.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for RBP3 elisa kit	Principle of the Assay: The principle of the double antibody sandwich ELISA is represented in Figure 1. In this assay the retinol binding protein (RBP) present in samples reacts with the anti-RBP antibodies, which have been adsorbed to the surface of polystyrene microtitre wells. After the removal of unbound proteins by washing, anti-RBP antibodies conjugated with horseradish peroxidase (HRP) are added. These enzyme-labeled antibodies form complexes with the previously bound RBP. Following another washing step, the enzyme bound to the immunosorbent is assayed by the addition of a chromogenic substrate, 3,3',5,5'-tetramethylbenzidine (TMB). The quantity of bound enzyme varies directly with the concentration of RBP in the sample tested; thus, the absorbance, at 450 nm, is a measure of the concentration of RBP in the test sample. The quantity of RBP in the test sample can be interpolated from the standard curve constructed from the standards, and corrected for sample dilution. Intended Uses: The RBP test kit is a highly sensitive two-site enzyme linked immunoassay (ELISA) for measuring RBP in human biological samples. If the ELISA is to be used outside the intended use, the user may need to optimize for said use.
Product Categories/Family for RBP3 elisa kit	ELISA Kit

NCBI AND UNIPROT INFORMATION

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

NCBI Protein Information	retinol-binding protein 3; interstitial retinol-binding protein; retinol-binding protein 3, interstitial; interphotoreceptor retinoid-binding protein
UniProt Protein Name	Retinol-binding protein 3
UniProt Gene Name	RBP3
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.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/retinol-binding-protein/76918>