

Bovine Retinol-binding protein 1 ELISA Kit | RBP1 elisa kit

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CATALOG #
AAA194881

REACTIVITY
Bovine

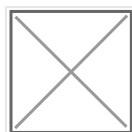
PRODUCT SYNONYMS

Retinol-binding protein 1; Bovine Retinol-binding protein 1 ELISA Kit; Cellular retinol-binding protein; CRBP; Cellular retinol-binding protein I; CRBP-I; RBP1; RBP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay recognizes recombinant and natural bovineRetinol-binding protein 1. No significant cross-reactivity or interference was observed.
Sequence Length	135
Samples	serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.
Assay Type	Quantitative ELISA
Detection Range	0.78ng/mL -50.0ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RBP1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination ofbovineRetinol-binding protein 1concentrations in serum, Plasma,tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Retinol-binding protein 1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific forRetinol-binding protein 1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Retinol-binding protein 1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Retinol-binding protein 1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[70778780](#)

NCBI GeneID	537379
NCBI Accession #	NP_001020514.1
NCBI GenBank Nucleotide #	NM_001025343.1
UniProt Accession #	P02694; Q53J07; Q9TS50
Molecular Weight	15,823 Da
NCBI Official Full Name	retinol-binding protein 1
NCBI Official Symbol	RBP1
NCBI Official Synonym Symbols	CRBP1
NCBI Protein Information	retinol-binding protein 1
UniProt Protein Name	Retinol-binding protein 1
UniProt Gene Name	RBP1
UniProt Synonym Gene Names	CRBP; CRBP-I
UniProt Entry Name	RET1_BOVIN

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/rbp1-bovine-ovine-elisa-kits/retinol-binding-protein-1/194881>