

Cattle RBP4 (Retinol Binding Protein 4, Plasma) ELISA Kit | RBP4 elisa kit

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CATALOG #
AAA278554

REACTIVITY
Cattle

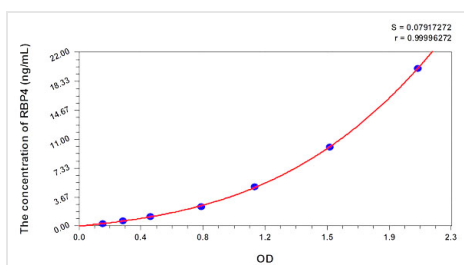
PRODUCT SYNONYMS

RBP4 (Retinol Binding Protein 4; Plasma); Cattle RBP4 (Retinol Binding Protein 4; Plasma) ELISA Kit; PRBP; RBP; Plasma retinol-binding protein; RBP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Cattle
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.78-50ug/mL
Sensitivity	0.35ug/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RBP4 elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cattle RBP4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Cattle RBP4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cattle RBP4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Cattle RBP4 in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for RBP4 elisa kit

[Metabolic pathway](#); [Endocrinology](#); [Hormone metabolism](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	132403
NCBI GeneID	281444
UniProt Accession #	P18902

Molecular Weight	21,069 Da
NCBI Official Full Name	Retinol-binding protein 4
NCBI Official Synonym Full Names	retinol binding protein 4, plasma
NCBI Official Symbol	RBP4
NCBI Protein Information	retinol-binding protein 4; RBP; 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_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/cat-cattle-elisa-kits/rbp4-retinol-binding-protein-4-plasma/278554>