

Bovine Complement component C1q receptor (CD93) ELISA Kit | CD93 elisa kit

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CATALOG #
AAA244587

REACTIVITY
Bovine

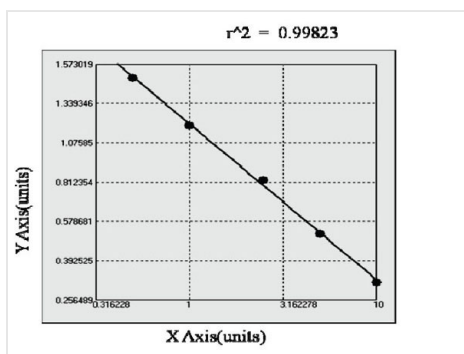
PRODUCT SYNONYMS

Complement component C1q receptor (CD93); Bovine Complement component C1q receptor (CD93) ELISA Kit; CD93 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This CD93 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CD93. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CD93 elisa kit

Principle of the assay: CD93 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CD93 antibody and an CD93-HRP conjugate. The assay sample and buffer are incubated together with CD93-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CD93 concentration since CD93 from samples and CD93-HRP conjugate compete for the anti-CD93 antibody binding site. Since the number of sites is limited, as more sites are occupied by CD93 from the sample, fewer sites are left to bind CD93-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CD93 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CD93 elisa kit

[Immunology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	88758613
NCBI GeneID	22918
NCBI Accession #	NP_036204.2
NCBI GenBank Nucleotide #	NM_012072.3
Molecular Weight	68,560 Da
NCBI Official Full Name	complement component C1q receptor
NCBI Official Synonym Full Names	CD93 molecule
NCBI Official Symbol	CD93
NCBI Official Synonym Symbols	C1QR1; C1qRP; CDw93; ECSM3; MXRA4; C1qR(P); dJ737E23.1
NCBI Protein Information	complement component C1q receptor; C1qR; CD93 antigen; C1q receptor 1; C1q/MBL/SPA receptor; matrix-remodelling associated 4; matrix-modeling-associated protein 4; complement component 1 q subcomponent receptor 1; complement component 1, q subcomponent, receptor 1
UniProt Protein Name	Complement component C1q receptor
UniProt Gene Name	CD93
UniProt Synonym Gene Names	C1QR1; MXRA4; C1qR; C1qR(p); C1qRp
UniProt Entry Name	C1QR1_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://stage.aaabiotech.com/bovine-ovine-elisa-kits/complement-component-c1q-receptor-cd93/244587>