

Bovine Corticosteroid Binding Globulin (CBG) ELISA Kit | SERPINA6 elisa kit

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CATALOG #
AAA247062

REACTIVITY
Bovine

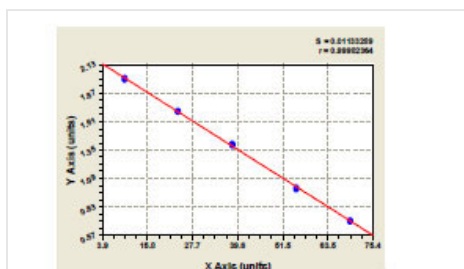
PRODUCT SYNONYMS

Corticosteroid Binding Globulin (CBG); Bovine Corticosteroid Binding Globulin (CBG) ELISA Kit; SERPINA6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 mg/L.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINA6 elisa kit

Intended Uses: This CBG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine CBG. This ELISA kit for research use only!

Principle of the Assay: CBG ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-CBG antibody and an CBG-HRP conjugate. The assay sample and buffer are incubated together with CBG-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 CBG concentration since CBG from samples and CBG-HRP conjugate compete for the anti-CBG antibody binding site. Since the number of sites is limited, as more sites are occupied by CBG from the sample, fewer sites are left to bind CBG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CBG concentration in each sample is interpolated from this standard curve.

Product Categories/Family for SERPINA6 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	73858564
NCBI GeneID	866
NCBI Accession #	NP_001747.2
NCBI GenBank Nucleotide #	NM_001756.3
Molecular Weight	45,141 Da
NCBI Official Full Name	corticosteroid-binding globulin
NCBI Official Synonym Full Names	serpin peptidase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6
NCBI Official Symbol	SERPINA6
NCBI Official Synonym Symbols	CBG
NCBI Protein Information	corticosteroid-binding globulin; serpin A6; transcortin; corticosteroid binding globulin; serine (or cysteine) proteinase inhibitor, clade A (alpha-1 antiproteinase, antitrypsin), member 6
UniProt Protein Name	Corticosteroid-binding globulin
UniProt Gene Name	SERPINA6
UniProt Synonym Gene Names	CBG; CBG
UniProt Entry Name	CBG_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/corticosteroid-binding-globulin-cbg/247062>