

Canine Corticosteroid Binding Globulin ELISA Kit | CBG elisa kit

Canine Corticosteroid Binding Globulin (CBG) ELISA Kit

CATALOG #
AAA22558

REACTIVITY
Canine

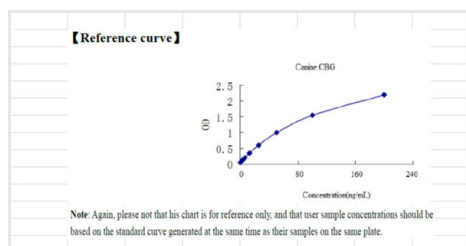
PRODUCT SYNONYMS

Corticosteroid Binding Globulin; Canine Corticosteroid Binding Globulin (CBG) ELISA Kit; CBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	No cross-reaction with other factors.
Sequence Length	405
Assay Type	Sandwich
Detection Range	200 ng/mL-3.12 ng/mL
Sensitivity	Up to 0.6 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CBG elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Canine CBG monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

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
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/cbg-canine-elisa-kits/corticosteroid-binding-globulin/22558>