

Human Corticosteroid-binding globulin ELISA Kit | SERPINA6 elisa kit

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CATALOG #
AAA101028

REACTIVITY
Human

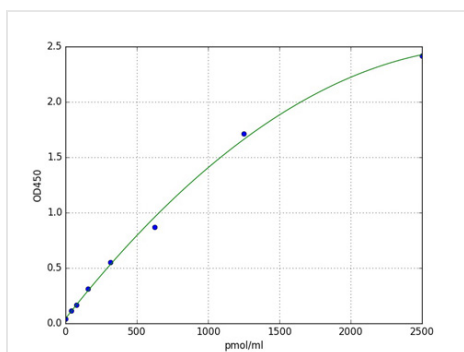
PRODUCT SYNONYMS

Corticosteroid-binding globulin; Human Corticosteroid-binding globulin ELISA Kit; CBG/SERPINA6/Serpin A6/Transcortin/corticosteroid binding globulin/member 6/serpin peptidase inhibitor; clade A (alpha-1 antiproteinase; antitrypsin); SERPINA6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	405
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000ng/ml
Sensitivity	9.375ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a CBG ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (O/A=not applicable)

X	pg/ml	0	39.06	78.125	156.25	312.5	625	1250nmol	2500nmol
Y	OD450	0.040	0.151	0.266	0.560	0.846	1.143	1.756	2.293

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SERPINA6 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CBG antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CBG antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CBG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CBG can be calculated.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/serpina6-human-elisa-kits/corticosteroid-binding-globulin/101028>