

Human Corticosteroid Binding Globulin (CBG) ELISA Kit | CBG elisa kit

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CATALOG #
AAA330911

REACTIVITY
Human

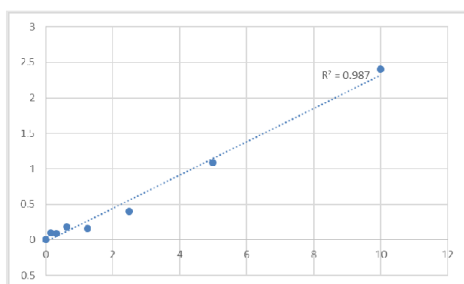
PRODUCT SYNONYMS

Corticosteroid Binding Globulin (CBG); Human Corticosteroid Binding Globulin (CBG) ELISA Kit; SERPINA6; corticosteroid binding globulin; serine (or cysteine) proteinase inhibitor; clade A (alpha-1 antiproteinase; antitrypsin); member 6; transcortin; CBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Corticosteroid Binding Globulin (CBG) ELISA Kit has high sensitivity and excellent specificity for detection of Human SERPINA6. No significant cross-reactivity or interference between Human SERPINA6 and analogues was observed.
Sequence Length	405
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Corticosteroid Binding Globulin (CBG) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for CBG elisa kit	Description: This Human Corticosteroid Binding Globulin (CBG) ELISA Kit employs a two-site sandwich ELISA to quantitate SERPINA6 in samples. An antibody specific for SERPINA6 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SERPINA6 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SERPINA6 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of SERPINA6 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Transcortin is produced by the liver and is regulated by estrogens. Therefore, plasma transcortin levels increase during pregnancy, and are decreased in cirrhosis. Transcortin is produced by the liver and is regulated by estrogens. Therefore, plasma transcortin levels increase during pregnancy, and are decreased in cirrhosis. Corticosteroid-binding globulin is an alpha-globulin protein with corticosteroid-binding properties. This is the major transport protein for glucorticoids and progestins in the blood of most vertebrates. The gene localizes to a chromosomal region containing several closely related serine protease inhibitors which may have evolved by duplication events.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	115851
NCBI GeneID	866
UniProt Accession #	P08185
NCBI Official Full Name	Corticosteroid-binding globulin
NCBI Official Synonym Full Names	serpin family A 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://www.aaabiotech.com/human-elisa-kits/corticosteroid-binding-globulin-cbg/330911>