Human Sex Hormone Binding Globulin ELISA Kit | SHBG elisa kit

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CATALOG #	REACTIVITY
AAA86988	**Human**

PRODUCT SYNONYMS

Sex Hormone Binding Globulin; Human Sex Hormone Binding Globulin ELISA Kit; SHBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of SHBG. No significant cross-reactivity or interference between SHBG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between SHBG and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	1.0 nmol/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHBG elisa kit	Intended Uses: This SHBG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human SHBG. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: SHBG ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for SHBG. Standards or samples are then added to the microtiter plate wells and SHBG if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of SHBG present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for SHBG are added to each well to "sandwich" the SHBG immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain SHBG and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The SHBG concentration in each sample is interpolated from this standard curve.
Product Categories/Family for SHBG elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7382460
NCBI GeneID	6462
NCBI Accession #	NP_001031.2
NCBI GenBank Nucleotide #	NM_001040.4
Molecular Weight	41,712 Da
NCBI Official Full Name	sex hormone-binding globulin isoform 1
NCBI Official Synonym Full Names	sex hormone-binding globulin
NCBI Official Symbol	SHBG
NCBI Official Synonym Symbols	ABP; SBP; TEBG
NCBI Protein Information	sex hormone-binding globulin; sex steroid-binding protein; testosterone-binding beta-globulin; testosterone-estrogen-binding globulin; testosterone-estradiol-binding globulin; testis-specific androgen-binding protein
UniProt Protein Name	Sex hormone-binding globulin
UniProt Gene Name	**SHBG**
UniProt Synonym Gene Names	SHBG; SBP; ABP; TeBG
UniProt Entry Name	SHBG_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/shbg-human-elisa-kits/sex-hormone-binding-globulin/86988