

Human sex hormone-binding globulin ELISA Kit | SHBG elisa kit

Human sex hormone-binding globulin, SHBG ELISA Kit

 CATALOG #
AAA80133

 REACTIVITY
Human

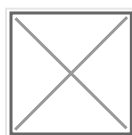
PRODUCT SYNONYMS

sex hormone-binding globulin; Human sex hormone-binding globulin; SHBG ELISA Kit; ABP; MGC126834; MGC138391; SBP; TEBG; androgen binding protein; sex steroid-binding protein; testis-specific androgen-binding protein; testosterone-binding beta-globulin; testosterone-estradiol-binding; SHBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human SHBG. No significant cross-reactivity or interference between human SHBG and analogues was observed.
Sequence Length	402
Samples	Serum, plasma, tissue homogenates
Detection Range	1.56 pmol/L -100 pmol/L
Sensitivity	<0.39 pmol/L
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHBG elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for SHBG has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any SHBG present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for SHBG is added to the wells. After washing, avidin 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 SHBG bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #

7382460

NCBI GeneID	6462
NCBI Accession #	NP_001031.2
NCBI GenBank Nucleotide #	NM_001040.4
UniProt Accession #	P04278 ; P14689 ; Q16616 ; Q3MIL0 ; Q6ISD2 ; B0FWH4 ; E9PGW1 ; F5H5Z8 ; I3L1N7
Molecular Weight	43,779 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/80133>