

Mouse Sex hormone-binding globulin ELISA Kit | Shbg elisa kit

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CATALOG #
AAA192022

REACTIVITY
Mouse

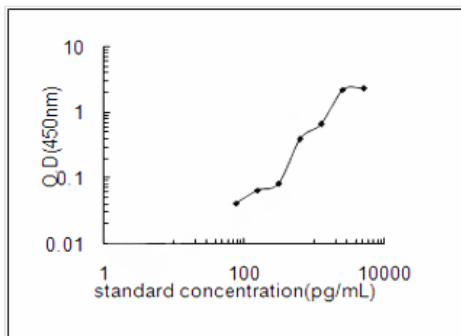
PRODUCT SYNONYMS

Sex hormone-binding globulin; Mouse Sex hormone-binding globulin ELISA Kit; SHBG; Sex steroid-binding protein; SBP; Testis-specific androgen-binding protein; ABP; Shbg; Shbg elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouseSHBG. No significant cross-reactivity or interference was observed.
Sequence Length	403
Assay Type	Sandwich
Detection Range	78-5000 pg/mL
Sensitivity	39.7 pg/mL
Intra-Assay CV	<=6.4%
Inter-Assay CV	<=8.5%
Recovery	100%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Shbg elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse SHBG concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to SHBG. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for SHBG and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain SHBG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of SHBG in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6755506
NCBI GeneID	20415
NCBI Accession #	NP_035497.1
NCBI GenBank Nucleotide #	NM_011367.2
UniProt Accession #	P97497; Q0VB52
Molecular Weight	44,816 Da
NCBI Official Full Name	sex hormone-binding globulin
NCBI Official Synonym Full Names	sex hormone binding globulin
NCBI Official Symbol	Shbg
NCBI Official Synonym Symbols	ABP
NCBI Protein Information	sex hormone-binding globulin
UniProt Protein Name	Sex hormone-binding globulin
UniProt Gene Name	Shbg
UniProt Synonym Gene Names	SHBG; SBP; ABP
UniProt Entry Name	SHBG_MOUSE

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/shbg-mouse-elisa-kits/sex-hormone-binding-globulin/192022>