

Rat SHBG ELISA Kit | SHBG elisa kit

Rat SHBG (Sex Hormone-Binding Globulin) ELISA Kit

CATALOG #
AAA163747

REACTIVITY
Rat

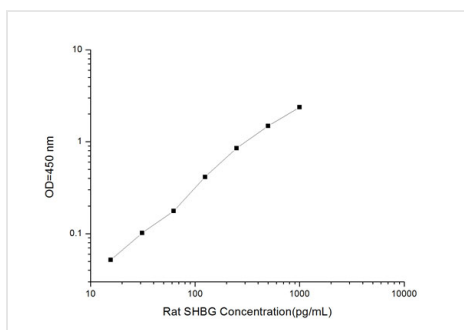
PRODUCT SYNONYMS

SHBG; Rat SHBG (Sex Hormone-Binding Globulin) ELISA Kit; SHBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes Rat SHBG in samples. No significant cross-reactivity or interference between Rat SHBG and analogues was observed.
Sequence Length	402
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Rat SHBG were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Rat SHBG were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHBG elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Rat SHBG concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat SHBG. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Rat SHBG and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat SHBG, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat SHBG. You can calculate the concentration of Rat SHBG in the samples by comparing the OD of the samples to the standard curve.
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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	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; testis-specific androgen-binding protein; testosterone-binding beta-globulin; testosterone-estradiol-binding globulin; testosterone-estrogen-binding globulin
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.