

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

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CATALOG #
AAA102427

REACTIVITY
Human

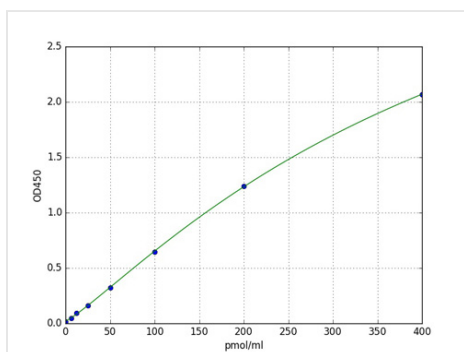
PRODUCT SYNONYMS

Sex hormone-binding globulin; Human Sex hormone-binding globulin ELISA Kit; SHBG/ABP/androgen binding protein/SBP/sex hormone-binding globulin/Sex steroid-binding protein/TeBG/TEBG/Testis-specific androgen-binding protein/testosterone-binding beta-globulin/Testosterone-estradiol-binding globulin; SHBG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	10
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pmol/L
Sensitivity	9.375pmol/L
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a human SHBG ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A-not applicable)

X	nmol/L	0	6.25	12.5	25	50	100	200	400
Y	OD450	0.016	0.060	0.094	0.191	0.417	0.821	1.714	2.649

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHBG elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-human SHBG antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-human SHBG antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the human SHBG amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of human SHBG can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	165873787
Molecular Weight	1,079 Da
NCBI Official Full Name	sex hormone binding globulin
UniProt Protein Name	Sex hormone binding globulin
UniProt Gene Name	SHBG
UniProt Entry Name	B0FWH8_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/102427>