

Rabbit Sex Hormone Binding Globulin ELISA Kit | SHBG elisa kit

Rabbit Sex Hormone Binding Globulin ELISA Kit

CATALOG #
AAA86759

REACTIVITY
Rabbit

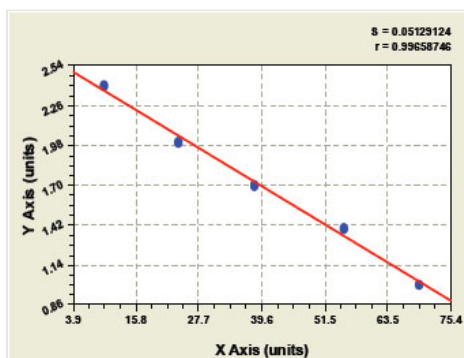
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	100-2500pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for SHBG elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This SHBG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit SHBG. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY SHBG ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-SHBG antibody and an SHBG-HRP conjugate. The assay sample and buffer are incubated together with SHBG-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the SHBG concentration since SHBG from samples and SHBG-HRP conjugate compete for the anti-SHBG antibody binding site. Since the number of sites is limited, as more sites are occupied by SHBG from the sample, fewer sites are left to bind SHBG-HRP conjugate. 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/shbg-rabbit-elisa-kits/sex-hormone-binding-globulin/86759>