SHBG ELISA Kit for Chicken

PRODUCT OVERVIEW

Product Name	SHBG, ELISA Kit
Full Product Name	Chicken SHBG ELISA Kit
Product Gene Name	SHBG elisa kit
Species Reactivity	Chicken
Preparation and Storage	Store all reagents at 2-8 degree C.
Molecular Weight	41,712 Da
OMIM	182205
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for SHBG elisa kit	MBS267035 is a ready-to-use microwell, strip plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the SHBG, ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing SHBG. The ELISA analytical biochemical technique of the MBS267035 kit is based on SHBG antibody-SHBG antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect SHBG antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, SHBG. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of SHBG elisa kit vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SHBG. It may not necessarily be applicable to this product.

NCBI GI #	7382460
NCBI GeneID	6462
NCBI Accession #	NP_001031.2
UniProt Secondary Accession #	P14689; Q16616; Q3MIL0; Q6ISD2; B0FWH4; E9PGW1; F5H5Z8; I3L1N7
UniProt Related Accession #	P04278
GenBank Nucleotide #	NM_001040.4
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
UniProt Protein Name	Sex hormone-binding globulin
UniProt Synonym Protein Names	Sex steroid-binding protein; SBP; Testis-specific androgen-binding protein; ABP; Testosterone-estradiol-binding globulin; TeBG; Testosterone-estrogen-binding globulin
Protein Family	Sex hormone-binding globulin

UniProt Gene Name	SHBG
UniProt Synonym Gene Names	SHBG; SBP; ABP; TeBG
UniProt Entry Name	SHBG_HUMAN
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
NCBI Summary for SHBG	This gene encodes a steroid binding protein that was first described as a plasma protein secreted by the liver but is now thought to participate in the regulation of steroid responses. The encoded protein transports androgens and estrogens in the blood, binding each steroid molecule as a dimer formed from identical or nearly identical monomers. Polymorphisms in this gene have been associated with polycystic ovary syndrome and type 2 diabetes mellitus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
UniProt Comments for SHBG	SHBG: Functions as an androgen transport protein, but may also be involved in receptor mediated processes. Each dimer binds one molecule of steroid. Specific for 5-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. Regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration. 2 isoforms of the human protein are produced by alternative splicing. Protein type: Secreted, signal peptide; Secreted Chromosomal Location of Human Ortholog: 17p13.1 Cellular Component: extracellular region Molecular Function: androgen binding Biological Process: primary spermatocyte growth
Research Articles on SHBG	**1.** and metabolic syndrome and no association between testosterone and metabolic syndrome in overweight and obese women with PCOS.
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

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