

SEX HORMONE BINDING GLOBULIN Native Protein | SHBG native protein

PURIFIED HUMAN SEX HORMONE BINDING GLOBULIN

CATALOG # AAA12299	APPLICATIONS ELISA
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PRODUCT SYNONYMS

SEX HORMONE BINDING GLOBULIN; PURIFIED HUMAN SEX HORMONE BINDING GLOBULIN; SHBG native protein

PRODUCT SPECIFICATIONS

Purity/Purification	>90% by SDS PAGE
Form/Format	Purified human sex hormone binding globulin - liquid; Phosphate buffered saline
Concentration	1.0mg/ml (varies by lot)
Applicable Applications for SHBG native protein	IA (Immunoassay), ELISA
Application Notes	Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.
Preparation	Purified human sex hormone binding globulin from human serum plasma.
Target Species	Human
Health and Safety Information	Donor material tested and found negative for HIV1 and 2 antibodies. HBsAg and HCV antibodies. As no test can completely guarantee this material to be free of pathogens its should be handled as potentially infectious.
Preservative Stabilizer	None Present
Preparation and Storage	Store at -20°C only. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the protein. Should this product contain a precipitate we recommend microcentrifugation before use.

ADDITIONAL INFORMATION

Related Product Information for SHBG native protein	Purified Human sex hormone binding globulin, is a ~90 kDa homodimeric glycoprotein composed of two 45kDa subunits linked via disulphide bridges. It is an androgen transport protein which binds and regulates the free concentration of steroid hormones and is involved in steroid signaling at the cell membrane.
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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	45kDa

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.

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Online datasheet: <https://www.aaabiotech.com/native-protein/sex-hormone-binding-globulin/12299>