

## Monkey Sex Hormone Binding Globulin ELISA Kit | SHBG elisa kit

Monkey Sex Hormone Binding Globulin ELISA Kit

CATALOG #  
**AAA90730**

REACTIVITY  
**Monkey**

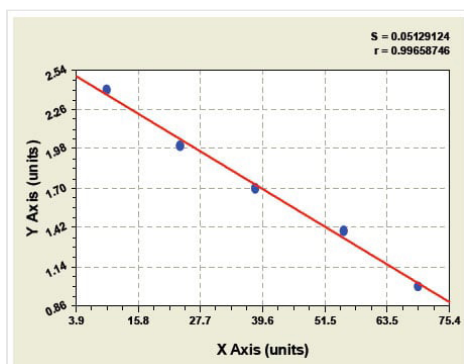
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Sandwich                                                                   |
| Detection Range         | 2.5-50nmol/L                                                               |
| Sensitivity             | 1.0nmol/L                                                                  |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for SHBG elisa kit | <p><b>For samples:</b> Serum, plasma, cell culture supernatants, body fluid and tissue homogenate</p> <p><b>INTENDED USE</b> This SHBG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey SHBG. This E LISA kit for research use only!</p> <p><b>PRINCIPLE OF THE ASSAY</b> 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.</p> |
| 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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/shbg-monkey-elisa-kits/sex-hormone-binding-globulin/90730>