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## Product Datasheet

### Goat SHBG(Sex Hormone Binding Globulin) ELISA Kit EBT-ELK9181

Article Name	Goat SHBG(Sex Hormone Binding Globulin) ELISA Kit
Biozol Catalog Number	EBT-ELK9181
Supplier Catalog Number	ELK9181
Alternative Catalog Number	EBT-ELK9181-96, EBT-ELK9181-48, EBT-ELK9181-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Goat
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.271 ng/mL
Samples	serum, plasma, tissue homogenates and other biological fluids

#### Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Reproductive science,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Goat SHBG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Goat SHBG. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Goat SHBG, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm 10nm. The concentration of Goat SHBG in the samples is then determined by comparing the OD of the samples to the standard curve