

Patient Name : Demo Patient Name
Age / Sex : 17 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 19-Jan-25 09:46
Patient ID : UHID.DEMO.001

Sex Hormone Binding Globulin [SHBG]				Serum Sample
Accession No: DEMO_BARCODE		Collected On: 19-Jan-25 09:46	Received On: 19-Jan-25 16:34	Approved On: 19-Jan-25 18:01
Observation	Result	Unit	Biological Ref. Interval	Method
SHBG (Sex Hormone Binding Globulin)	29.9	nmol/L	18.2-135.5	CLIA

Clinical Significance:
* SHBG is a beta globulin that specifically binds steroid hormones. Th major site of SHBG synthesis is hepatocytes.SHBG production is regulated by androgen/estrogen balance, thyroid hormones, insulin and dietary factors
* SHBG is involved in the transport of sex steroid in plasma. Its concentration is major factor regulating their distribution between protein bound and free states.
* Determination of SHBG concentration is mainly of importance in the evaluation of mild disorders of androg metabolism and it allows identification of women with hirsutism who are likely to respond to estrogen therapy.
* Testosterone/SHBG-ratios correlate well with both measured and calculated values for free testosterone and help to discriminate between subject with excessive androgen activity and normal individuals.

Note : Assay results should be interpreted only in the context of other laboratory findings and the total clinical status of the patient.

Clinical Utility:
* Assess abnormal serum gonadal hormone concentrations
* Increased levels are observed in Estrogen administration; Pregnancy; Alcoholism; Testicular feminization; Male hypogonadism; Hyperthyroidism
* Decreased levels in Hirsutism ; Virilization ; Massive obesity ; Exogenous androgen therapy

Sample Type: Serum

Please correlate results with clinical conditions.



This is a Demo Signature
and the doctor's signature should appear here

In case of any unexpected or alarming results, please contact us immediately for re-confirmation, clarifications, and rectifications, if needed.

