

SEX HORMONE  
BINDING  
GLOBULIN,  
PLASMA/  
SERUM

## Orderable - SHBG

Turn Around Time: 5 days

### Alternate Name(s):

SHBG

### Specimen:

Adult	Pediatric
4.5 mL Light Green top Vacutainer tube	0-2 years: 0.5 mL Light Green top Microtainer 2-10 years: 3 mL Light Green top Vacutainer tube
Red or Gold top tubes are also acceptable	
Lavender top (EDTA) tubes are <b>NOT</b> acceptable	

### Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples or 200 µL for pediatric samples.

### Reference Ranges:

Male	
Age	Range
20 – 49 years:	18.3 – 54.1 nmol/L
≥ 50 years:	20.6 – 76.7 nmol/L

Female	
Age	Range
20 – 49 years:	32.4 – 128.0 nmol/L
≥ 50 years:	27.1 – 128.0 nmol/L

### FREE ANDROGEN INDEX:

Male	
Age	Range



**Laboratory:**  
Core Lab



**Requisition:**  
GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**  
Roche  
Electrochemiluminescence



**Test Schedule:**  
As required

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20 – 49 years:	35.0 – 92.6 %
≥ 50 years:	24.3 – 72.1 %

Female	
Age	Range
20 – 49 years:	0.3 – 5.6 %
≥ 50 years:	0.2 – 3.6 %

### Comments:

Biotin may interfere with this test. Samples should not be taken from patients receiving high biotin doses (i.e. > 5 mg/day) until at least 8 hours after the last biotin administration.

### Storage and Shipment:

Store and ship plasma or serum frozen.

### Specimen Stability:

Stable for 7 days at 2-8 °C, stable for 12 months at -20 °C, freeze only once.