

HOTLINE: Effective February 22, 2022

0099375

Sex Hormone Binding Globulin

SHBG

Specimen Required: Collect: Serum separator tube. Also acceptable: Green (lithium heparin).

Specimen Preparation: Allow specimen to clot completely at room temperature. Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer 0.5 mL serum or plasma to an ARUP Standard Transport Tube. (Min: 0.4 mL)

Storage/Transport Temperature: Refrigerated.

Unacceptable Conditions: Specimens collected in lavender (EDTA) or pink (K₂EDTA). Grossly hemolyzed specimens.

Stability (collection to initiation of testing): After separation from cells: Ambient: 48 hours; Refrigerated: 1 week; Frozen: 6 months

Reference Interval:

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Age	Male	Female
1-30 days	13-85 nmol/L	14-60 nmol/L
31-364 days	70-250 nmol/L	60-215 nmol/L
1-3 years	50-180 nmol/L	60-190 nmol/L
4-6 years	45-175 nmol/L	55-170 nmol/L
7-9 years	28-190 nmol/L	35-170 nmol/L
10-12 years	23-160 nmol/L	17-155 nmol/L
13-15 years	13-140 nmol/L	11-120 nmol/L
16-17 years	10-60 nmol/L	19-145 nmol/L
18-49 years	17-56 nmol/L	25-122 nmol/L
50 years and older	19-76 nmol/L	17-125 nmol/L
Tanner Stage I	26-186 nmol/L	30-173 nmol/L
Tanner Stage II	22-169 nmol/L	16-127 nmol/L
Tanner Stage III	13-104 nmol/L	12-98 nmol/L
Tanner Stage IV	11-60 nmol/L	14-151 nmol/L
Tanner Stage V	11-71 nmol/L	23-165 nmol/L