

**TEST CHANGE**

**17-Hydroxypregnenolone Quantitative by LC-MS/MS, Serum or Plasma**

0092333, OHPRGNLON

**Specimen Requirements:**

**Patient Preparation:**

**Collect:** Serum separator tube. Also acceptable: Plain red, lavender (EDTA), pink (K2EDTA), or green (sodium or lithium heparin).

**Specimen Preparation:** Separate serum or plasma from cells ASAP or within 2 hours of collection. Transfer two 0.5 mL serum or plasma specimens to an ARUP Standard Transport Tube and freeze immediately. (Min: 0.25 mL/container)

**Transport Temperature:** CRITICAL FROZEN. Separate specimens must be submitted when multiple tests are ordered.

**Unacceptable Conditions:** Refrigerated or room temperature specimens.

**Remarks:**

**Stability:** After separation from cells: Ambient: Unacceptable; Refrigerated: Unacceptable; Frozen: 6 months

**Methodology:** Quantitative High Performance Liquid Chromatography-Tandem Mass Spectrometry

**Performed:** Mon-Fri

**Reported:** 1-54 days

**Note:**

**CPT Codes:** 84143

**New York DOH Approval Status:** This test is New York DOH approved.

**Interpretive Data:**

This test was developed and its performance characteristics determined by ARUP Laboratories. It has not been cleared or approved by the US Food and Drug Administration. This test was performed in a CLIA certified laboratory and is intended for clinical purposes.

**Reference Interval:**

Age	Female	Male
Premature (26-28 weeks)	1219-9799 ng/dL	1219-9799 ng/dL
Premature (29-36 weeks)	346-8911 ng/dL	346-8911 ng/dL
Full Term (1-5 months)	229-3104 ng/dL	229-3104 ng/dL
6-12 months	less than or equal to 917ng/dL	less than or equal to 917ng/dL
13-23 months	less than or equal to 592 ng/dL	less than or equal to 592 ng/dL
2-4 years	less than or equal to 280 ng/dL	less than or equal to 249 ng/dL
5-6 years	less than or equal to 350 ng/dL	less than or equal to 319 ng/dL
7-9 years	less than or equal to 212 ng/dL	less than or equal to 187 ng/dL
10-12 years	less than or equal to 398 ng/dL	less than or equal to 392 ng/dL
13-15 years	less than or equal to 407 ng/dL	35-465 ng/dL
16-17 years	less than or equal to 423 ng/dL	32-478 ng/dL
18 years and older	Less than 226 ng/dL	Less than 442 ng/dL
Tanner Stage I	less than or equal to 235 ng/dL	less than or equal to 208 ng/dL
Tanner Stage II	less than or equal to 367 ng/dL	less than or equal to 355 ng/dL
Tanner Stage III	less than or equal to 430 ng/dL	less than or equal to 450 ng/dL
Tanner Stage IV-V	less than or equal to 412 ng/dL	35-478 ng/dL