
Lab Dept: Chemistry

Test Name: PROGESTERONE

General Information

Lab Order Codes: PROG

Synonyms: N/A

CPT Codes: 84144 - Progesterone

Test Includes: Progesterone level reported in ng/mL.

Logistics

Test Indications: A female sex hormone, serum progesterone is used to confirm the occurrence of ovulation and to assess corpus luteum function.

Lab Testing Sections: Chemistry - Sendouts

Referred to: Esoterix, Inc (ESL Test: 500266)

Phone Numbers: MIN: 612-813-6280

STP: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 5 - 8 days, test set up Monday - Friday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top tube

Draw Volume: 3 mL (Minimum: 1 mL) blood

Processed Volume: 1 mL (Minimum: 0.3 mL) serum

Note: Submission of the minimum does not permit repeat analysis

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen within 1 hour of collection. Remove serum aliquot into a screw-capped round bottom plastic vial. Store and ship at frozen temperatures. Forward promptly.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range:

Males	
Age:	Range (mg/dL):
1 – 16 years	<10 - 15
Adults	<10 - 11
Females	
1 – 10 years	<10 - 26
11 years	<10 - 255
12 years	<10 - 856
13 years	<10 - 693
14 years	<10 - 1204
15 years	<10 - 1076
16 years	<10 - 1294
Adult Female Cycle Days	
1 – 6 days	<10 - 17
7 – 12 days	<10 - 135
13 – 15 days	<10 - 1563
16 – 18 days	<10 - 2555
Post menopausal	<10

Note: Luteal progesterone peaked from 350 to 3750 ng/dL on days ranging from 17 to 23.

Critical Values:	N/A
Limitations:	Progesterone assay is not available quickly in many areas of the U.S. Beta hCG titers are a more popular analyte for pregnancy screening
Methodology:	HLC Tandem Mass Spectrometry
References:	Esoterix, Inc. (3/22/2011) Expected Value and S.I. Unit Conversion Table 0603-0614-PC-5M Esoterix Laboratories April 2012
Updates:	4/17/2012: Reference range update.