

Patient Name : Demo Patient Name
Age / Sex : 33 Y / F
Referred By : DEMO HOSPITAL
Centre : HOD Head Office

Lab No : Demo Visit No
Registration On : 21-Jan-25 15:47
Patient ID : UHID.DEMO.001

Progesterone				Serum Sample
Accession No: DEMO_BARCODE		Collected On: 21-Jan-25 15:47	Received On: 21-Jan-25 18:51	Approved On: 21-Jan-25 21:42
Observation	Result	Unit	Biological Ref. Interval	Method
Progesterone	31.1	ng/ml		CLIA

Biological Reference Interval:

Males : 0.21 - 1.54

Females

- Follicular Phase : 0.14 - 2.03
- Mid Luteal : 5.22 - 22.7
- Luteal Phase : 1.42 - 16.6
- Periovulatory : 0.40 - 4.47
- Post Menopausal : 0.15 - 1.04

Pregnant females

- I Trimester (4 to 12 weeks gestation) : 6.57 - 40.3
- II Trimester (13 to 24 weeks gestation) : 9.66 - 62.3
- III Trimester (25 to 36 weeks gestation) : 24.5 - 334

Clinical Significance of Progesterone:

Progesterone also known as P4 (pregn-4-ene-3,20-dione) is a C-21 steroid hormone involved in the female menstrual cycle and pregnancy (supports gestation and embryogenesis). Progesterone belongs to a class of hormones called progestogens, and is the major naturally occurring human progestogen. In women, progesterone levels are relatively low during the preovulatory phase of the menstrual cycle, rise after ovulation, and are elevated during the luteal phase. Progesterone levels tend to be < 2 ng/ml prior to ovulation, and > 5 ng/ml after ovulation. If pregnancy occurs, the corpus luteum maintains the levels of progesterone. At around 12 weeks the placenta begins to produce progesterone in place of the corpus luteum. After delivery of the placenta and during lactation, progesterone levels are very low. Progesterone levels are relatively low in children and postmenopausal women. Adult males have levels similar to those in women during the follicular phase of the menstrual cycle.

Sample Type: Serum

Progesterone (P4) test performed at Immuno Diagnostics Pvt. Ltd.

Remarks: Please correlate 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.

