

LABORATORY REPORT

Name : **AYESHA BABAR BABAR BASHIR** File. No. : **AAL02-342371**
DOB/Gender : **10-06-1997 (27 Yrs 7 Month 21 Days/Female)** Referral Doctor : **Dr. Humaira Mumtaz**
Lab No. : **22250060341** Referral Clinic : **Citicare Medical Center LLC**
Request Date : **06-01-2025 20:54:49** Clinic File No : **39019**
Insurance : **NATIONAL GENERAL INSURANCE (HEALTHNET)**

HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
Luteinising Hormone (LH)	6.66	mIU/mL	Normal menstruating females: Follicular phase: 2.4-12.6 Ovulation Phase: 14.0-95.6 Luteal phase: 1.0-11.4 Post menopausal : 7.7-58.5	ECLIA

Conversion Formula: (Concentration in mIU/mL) x (1) = IU/L. Determination of the LH concentration is used in the elucidation of dysfunctions within the hypothalamuspituitarygonads system. The determination of LH in conjunction with FSH is utilized for the following indications: congenital diseases with chromosome aberrations (e.g. Turner's syndrome), polycystic ovaries (PCO), clarifying the causes of amenorrhea, menopausal syndrome, and suspected Leydig cell insufficiency. Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration Please note Reference Range Reviewed w.ef 06/02/24 .

TSH (Thyroid Stimulating Hormone)	2.5400	μIU/mL	0.27-4.20 Pregnancy: 1st Trimester: 0.33 - 4.59 2nd Trimester: 0.35 - 4.10 3rd Trimester: 0.21 - 3.15	ECLIA
--	--------	--------	---	-------

Conversion Formula: (Concentration in IU/ mL) x (1.0) = mIU/L. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid. Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : Serum

----- End Of Report -----

These tests are accredited under ISO 15189:2022 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertain only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

Patient Sample Collected On : 04-01-2025 22:07:00
Authenticated On : 06-01-2025 22:31:40

Received On : 06-01-2025 20:56:00
Released On : 06-01-2025 22:36:31



Esmeralda Obenita
Lab Incharge
DHA-P-2992011