

LABORATORY REPORT

Name	: RACHELLE MAROUN BASSILI	File. No.	: AAL02-406318
DOB/Gender	: 30-10-1990 (33 Yrs 8 Month 19 Days/Female)	Referral Doctor	: Dr. Humaira Mumtaz
Lab No.	: 22242010299	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 19-07-2024 22:13	Clinic File No	: 43615
Insurance	: GIG GULF (AXA INSURANCE)		

HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
FSH (Follicle Stimulating Hormone)	2.73	mIU/mL	Normal menstruating females: Follicular phase: 3.5-12.5 Ovulation Phase: 4.7-21.5 Luteal phase: 1.7-7.7 Post menopausal : 25.8-134.8	ECLIA

Conversion Formula: (Concentration in mIU/mL) x (1.0) = IU/L.

Determination of the FSH concentration is used in the elucidation of dysfunctions within the hypothalamus pituitary gonads system. The determination of FSH in conjunction with LH is utilized for the following indications: congenital diseases with chromosome aberrations, polycystic ovaries (PCO), amenorrhea (causes), and menopausal syndrome.

Depressed gonadotropin levels in men occur in azoospermia. 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 09/01/24 .

Luteinising Hormone (LH)	3.52	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
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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)	1.0900	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
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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

These tests are accredited under ISO 15189:2012 unless specified by (*)

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

Test results pertains 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 : 19-07-2024 20:00:00
Authenticated On : 19-07-2024 22:45:53
Printed On : 19-07-2024 23:31:17

Received On : 19-07-2024 22:14:00
Released On : 19-07-2024 23:25:41
Reprinted On : 20-07-2024 08:25:09

Padmapriya Kumaresan
Sr. Technician
DHA-P-2992011

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Test Name	Result	Units	Ref. Range	Method
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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 -----

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