

LABORATORY REPORT

Name : **SHAIMAA ABDEL FATAAH GOUDA ABDELHALIM** File. No. : **AAL02-351770**
DOB/Gender : **18-05-1985 (38 Yrs 7 Month 15 Days/Female)** Referral Doctor : **Dr. Sajid Sanaullah Khan**
Lab No. : **22240020387** Referral Clinic : **Peshawar(Irham Medical Center)**
Request Date : **02-01-2024 22:06:20** Clinic File No : **37811**
Insurance : **AXA INSURANCE**

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Alanine Aminotransferase (ALT / GPT)	17.70	U/L	10.0 - 35.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	18.20	U/L	10 - 35	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Creatinine (serum)	0.64	mg/dL	0.50-0.90	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Urea	22.90	mg/dL	12.86-42.64	Urease/GLDH

Please note Reference Range Reviewed w.ef 15/10/23
Sample Type : Serum

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

H/L Collected On : 02-01-2024 19:00:00 Received On : 02-01-2024 22:07:00
Authenticated On : 03-01-2024 00:01:07 Released On : 03-01-2024 00:24:28



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	1.5900	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 .

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	159.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	276.00^H	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: >or =500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	33.20^L	mg/dL	< 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	79.00	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160 - 189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
**VLDL	46.80^H	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	4.79^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

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

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