

LABORATORY REPORT

Name	: MOHAMMAD KHALIUZZAMAN SIDDIQUI MUHAMMAD NASIM SIDDIQUI	File. No.	: AAL02-372805
DOB/Gender	: 31-12-1954 (69 Yrs 24 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22240240345	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 24-01-2024 21:40:53	Clinic File No	: 38184
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.34 ^L	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.7 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	39.7 ^L	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	91.5	fl	83.0 - 101.0	Calculation
MCH	29.3	pg	27-32	Calculation
MCHC	32.0	g/dL	31.5 - 34.5	Calculation
Platelet Count	250	10 ³ /uL	150 - 400	HF (DCD)
WBC	10.56 ^H	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	59.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	32.1	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.5	%	2.0-10.0	Flow Cytometry
Eosinophils	1.3	%	1 - 6	Flow Cytometry
Basophils	0.4	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	6.30	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.39 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.69	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.14	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.04	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

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

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 : 24-01-2024 19:00:00
Authenticated On : 24-01-2024 23:58:02
Received On : 24-01-2024 21:43:00
Released On : 24-01-2024 23:58:12



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	6.40^H	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4 Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : EDTA WB

Alanine Aminotransferase (ALT / GPT)	25.00	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	70.50	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	26.00	U/L	10 - 50	NADH w/ P5P

Please note Reference Range Reviewed w.ef 15/10/23

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Sample Type : Serum

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ELECTROLYTE PROFILE CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Sodium	143.20	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Potassium (serum)	rejected	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Chloride (serum)	105.70	mmol/L	98 - 107	ISE Indirect

Please note Reference Range Reviewed w.ef 15/10/2023.
Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	197.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	172.00^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	52.90	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	118.00	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	26.10	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	3.72	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

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Sample Type : Serum

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

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