

LABORATORY REPORT

Name	: ABDULLAH AHMAD ALMIDANI	File. No.	: AAL02-300693
DOB/Gender	: 08-06-1986 (36 Yrs 10 Month 9 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22231070121	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 17-04-2023 13:13	Clinic File No	: 36102
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.80 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.1	g/dl	13.0 - 17.0	Photometry-SLS
HCT	45.1	%	40.0 - 50.0	Hydrodynamic focusing
MCV	77.8 ^L	fl	83.0 - 101.0	Calculation
MCH	26.0 ^L	pg	27-32	Calculation
MCHC	33.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	248	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	6.41	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	45.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	41.8 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.6	%	2.0-10.0	Flow Cytometry
Eosinophils	3.0	%	1 - 6	Flow Cytometry
Basophils	0.8	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.94	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.68	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.55	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.19	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.05	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening.
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 : 17-04-2023 12:00:00
Authenticated On : 17-04-2023 15:05:41
Printed On : 17-04-2023 15:36:09

Received On : 17-04-2023 13:13:00
Released On : 17-04-2023 15:07:22

Wasik

Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673

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Request Date	: 17-04-2023 13:13	Clinic File No	: 36102
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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
Creatinine (serum)	0.77	mg/dL	0.6 - 1.2	Alkaline Picrate

Kindly note that the reference range is effective from 17-01-2023.

Urea (serum)	42.59	mg/dL	12.84 - 42.80	Urease
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Kindly note new reference range for Urea effective from 31/1/2022

Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	256.8^H	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	720.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	34.3^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	119.4	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	103.1^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	7.5^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Remarks:

Due to high Triglycerides levels, a confirmation test is required with a fresh sample. It is advised to repeat the test after one week combined with abstaining from oily, fatty, dairy food as well as nuts. 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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