

LABORATORY REPORT

Name	: NAWRAS MOHAMMAD ALKORDI	File. No.	: AAL02-359527
DOB/Gender	: 01-06-2003 (20 Yrs 5 Month 16 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233210224	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 17-11-2023 20:48	Clinic File No	: 38461
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.19 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.7	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.3	%	40.0 - 50.0	Hydrodynamic focusing
MCV	74.8 ^L	fl	83.0 - 101.0	Calculation
MCH	23.7 ^L	pg	27-32	Calculation
MCHC	31.7	g/dL	31.5 - 34.5	Calculation
Platelet Count	262	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	6.37	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	58.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	33.0	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.3	%	2.0-10.0	Flow Cytometry
Eosinophils	1.7	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.73	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.10	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.40	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.11	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	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 : 17-11-2023 19:00:00
Authenticated On : 17-11-2023 22:40:04
Printed On : 17-11-2023 23:36:35

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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
**Uric Acid	7.45 ^H	mg/dL	3.40-7.00	Uricase

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

Remarks:

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Sample Type : Serum

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Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	78.68	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	Hexokinase/G-6-PDH

Sample Type : Fluoride Plasma

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H/L Collected On : 17-11-2023 19:00:00
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Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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LIPID PROFILE I CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	164.7	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
**Triglycerides	97.50	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	41.60	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	121.2	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	19.5	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.0	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Sample Type : Serum

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

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