

LABORATORY REPORT

Name	: MUHAMMAD SHUAIB SARWAR KHAN	File. No.	: AAL02-342528
DOB/Gender	: 01-01-1977 (46 Yrs 8 Month 7 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232510177	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 08-09-2023 15:18	Clinic File No	: 40892
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.23	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.6	g/dl	13.0 - 17.0	Photometry-SLS
HCT	45.8	%	40.0 - 50.0	Hydrodynamic focusing
MCV	87.6	fl	83.0 - 101.0	Calculation
MCH	29.8	pg	27-32	Calculation
MCHC	34.1	g/dL	31.5 - 34.5	Calculation
Platelet Count	272	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	7.39	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	51.6	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	35.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.2	%	2.0-10.0	Flow Cytometry
Eosinophils	3.4	%	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)	3.81	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.61	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.68	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.25	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

Sample Type : EDTA WB

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 : 07-09-2023 19:00:00
Authenticated On : 08-09-2023 18:43:07
Printed On : 08-09-2023 19:03:09

Received On : 08-09-2023 16:57:00
Released On : 08-09-2023 18:57:41

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	130.15	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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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	219.3^H	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	374.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	33.2^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	171.5^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	74.8^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	6.6^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

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**KIDNEY FUNCTION TEST
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Urea (serum)	39.38	mg/dL	12.84 - 42.80	Urease
Kindly note new reference range for Urea effective from 31/1/2022				
Creatinine (serum)	1.24	mg/dL	0.6 - 1.3	Alkaline Picrate
Kindly note that the reference range is effective from 17-01-2023.				
Uric Acid (serum)	8.31 ^H	mg/dL	3.7 - 7.7	Uricase
Kindly note new reference range for Uric acid effective from 20/1/2022				
Calcium (serum)	9.2	mg/dL	8.4 - 10.2	Arsenazo III
Phosphorus (serum)	3.3	mg/dL	2.3 - 4.7	Phosphomolybdate
Protein- Total (serum)	7.43	g/dL	6.40 - 8.30	Biuret
Albumin (serum)	4.19	g/dL	3.50 - 5.00	Bromocresol Purple
Kindly note new reference range for Albumin reference range updated as on 18th December 2021.				
Globulin (serum)	3.24	g/dL	2.50 - 3.50	Calculation
Sodium (serum)	140.0	mmol/L	135.0 - 145.0	ISE
Potassium (serum)	4.0	mmol/L	3.8 - 5.5	ISE
Chloride (serum)	102.0	mmol/L	98.0 - 107.0	ISE

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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