

LABORATORY REPORT

Name	: IBRAHIM AHMED	File. No.	: AAL02-337616
DOB/Gender	: 17-04-1971 (52 Yrs 4 Month 5 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22232330405	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 21-08-2023 21:49	Clinic File No	: 34389
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.90	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	13.8	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.0	%	40.0 - 50.0	Hydrodynamic focusing
MCV	85.7	fl	83.0 - 101.0	Calculation
MCH	28.2	pg	27-32	Calculation
MCHC	32.9	g/dL	31.5 - 34.5	Calculation
Platelet Count	248	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	8.00	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	53.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	35.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.5	%	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)	4.29	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.82	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.76	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.10	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

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 : 21-08-2023 19:00:00
Authenticated On : 21-08-2023 23:27:55
Printed On : 22-08-2023 11:39:27

Received On : 21-08-2023 21:50:00
Released On : 21-08-2023 23:29:15

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (whole blood)	5.8^H	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4* Diabetes: => 6.5**	Enzymatic

* Requires screening by glucose criteria.

** Confirm by repeating the test on a different day.

Kindly note new reference range for HbA1c effective from 7/6/2020.

Sample Type : EDTA WB

Glucose(RBS)	114.08	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	Hexokinase/G-6-PDH
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Sample Type : Fluoride Plasma

Creatinine (serum)	0.80	mg/dL	0.6 - 1.3	Alkaline Picrate
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Kindly note that the reference range is effective from 17-01-2023.

Urea (serum)	39.35	mg/dL	12.84 - 42.80	Urease
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Kindly note new reference range for Urea effective from 31/1/2022

Uric Acid (serum)	7.51	mg/dL	3.7 - 7.7	Uricase
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Kindly note new reference range for Uric acid effective from 20/1/2022

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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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	215.7^H	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	189.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	27.2^L	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	160.8^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	37.8^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	7.9^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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