

LABORATORY REPORT

Name	: SHAHAB UD DIN MUHAMMAD SADIQ	File. No.	: AAL02-377958
DOB/Gender	: 30-03-1985 (38 Yrs 11 Month 15 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240520009	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 21-02-2024 08:57:35	Clinic File No	: 38581
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.81	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.2	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.4	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	88.1	fl	83.0 - 101.0	Calculation
MCH	29.5	pg	27-32	Calculation
MCHC	33.5	g/dL	31.5 - 34.5	Calculation
Platelet Count	249	10 ³ /uL	150 - 400	HF (DCD)
WBC	9.43	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	63.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	24.4	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.1	%	2.0-10.0	Flow Cytometry
Eosinophils	4.0	%	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)	6.00	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.30	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.67	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.38	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.08	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

ERYTHROCYTE SEDIMENTATION RATE (ESR) AUTOMATED

ESR (whole blood)	17^H	mmhr	up to 10	Modified Westergren
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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

Patient Sample Collected On : 20-02-2024 20:00:00
Authenticated On : 21-02-2024 13:08:13

Received On : 21-02-2024 08:59:00
Released On : 21-02-2024 13:17:13

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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Test Name	Result	Units	Ref. Range	Method
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Remarks:

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

Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	5.94^H	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay

CRP is an acute phase protein whose concentration rises non -specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

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/RENAL FUNCTION PANEL(FASTING)
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Albumin	4.38	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2	24.70	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	9.21	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	102.60	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.96	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				
Glucose (Fasting)	82.90	mg/dL	70 - 100	HK/G-6-PDH
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Fluoride Plasma				
Phosphorous	3.56	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Sodium	137.70	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	32.00	mg/dL	12.86 - 42.64	Urease/GLDH
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				

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

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