

LABORATORY REPORT

Name	: TAMER MOHAMED	File. No.	: AAL02-378392
DOB/Gender	: 09-08-1984 (39 Yrs 6 Month 11 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240540027	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 23-02-2024 10:15:44	Clinic File No	: 42562
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.66^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.3	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.6	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	82.3^L	fl	83.0 - 101.0	Calculation
MCH	27.0	pg	27-32	Calculation
MCHC	32.8	g/dL	31.5 - 34.5	Calculation
Platelet Count	284	10 ³ /uL	150 - 400	HF (DCD)
WBC	4.83	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	30.2^L	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	55.5^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.1	%	2.0-10.0	Flow Cytometry
Eosinophils	4.6	%	1 - 6	Flow Cytometry
Basophils	0.6	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	1.46^L	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.68	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.44	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.22	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:

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

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

Patient Sample Collected On : 22-02-2024 20:00:00
Authenticated On : 23-02-2024 13:50:21

Received On : 23-02-2024 11:27:00
Released On : 23-02-2024 13:52:25

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Phosphorous	3.71	mg/dL	2.5-4.5	Molybdate UV
Please note Reference Range Reviewed w.ef 15/10/23 .				
Bilirubin - Direct	0.23	mg/dL	0.00-0.5	DIAZO

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

Sample Type : Serum

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COMPREHENSIVE METABOLIC PROFILE-FBS CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.52	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	55.00	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	25.30	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	21.80	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	9.82	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2 (Bicarbonate)	27.60	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	101.10	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	1.05	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Sodium	138.00	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	31.30	mg/dL	12.86 - 42.64	Urease/GLDH
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	7.36	g/dL	6.40 - 8.30	Colorimetric - Biuret

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

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Test Name	Result	Units	Ref. Range	Method
Albumin	4.57	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.79	g/dL	2.50 - 3.50	Calculation
**Albumin/Globulin Ratio	1.64	Ratio	1.10 - 2.50	Calculation

Sample Type : Serum

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

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