

LABORATORY REPORT

Name	: MOHAMMED JASEM ALAHMAD	File. No.	: AAL02-421288
DOB/Gender	: 27-07-2003 (21 Yrs 2 Month 24 Days/Male)	Referral Doctor	: Dr. Ahsan Hussain
Lab No.	: 22242950132	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 21-10-2024 13:22:54	Clinic File No	: 44599
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.08	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.9	g/dl	13.0 - 17.0	Photometry-SLS
HCT	44.1	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	86.8	fl	83.0 - 101.0	Calculation
MCH	29.3	pg	27-32	Calculation
MCHC	33.8	g/dL	31.5 - 34.5	Calculation
Platelet Count	262	10 ³ /uL	150 - 400	HF (DCD)
WBC	8.93	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	54.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	32.9	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.2	%	2.0-10.0	Flow Cytometry
Eosinophils	3.7	%	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)	4.89	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.94	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.73	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.33	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

Patient Sample Collected On : 21-10-2024 02:30:00
Authenticated On : 21-10-2024 15:11:50

Received On : 21-10-2024 13:23:00
Released On : 21-10-2024 15:37:11

Pring

Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	3.01	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

Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	209.00	mg/dL	Desirable: < 200 Borderline: 200-239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	258.00^H	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	44.20	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	134.00^H	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	30.80^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.73^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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