

LABORATORY REPORT

Name : **MOHAMED MAHMOUD MOHAMED HASHEM** File. No. : **AAL02-421313**
DOB/Gender : **13-12-1997 (26 Yrs 10 Month 8 Days/Male)** Referral Doctor : **Dr. Ahsan Hussain**
Lab No. : **22242950184** Referral Clinic : **Citicare Medical Center LLC**
Request Date : **21-10-2024 14:20:08** Clinic File No : **44597**
Insurance : **NAS ADMINISTRATION SERVICES LTD**

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.56^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.8	g/dl	13.0 - 17.0	Photometry-SLS
HCT	44.6	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	80.2^L	fl	83.0 - 101.0	Calculation
MCH	28.4	pg	27-32	Calculation
MCHC	35.4^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	227	10 ³ /uL	150 - 400	HF (DCD)
WBC	8.69	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	46.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	39.9	%	20.0 - 40.0	Flow Cytometry
Monocytes	11.4^H	%	2.0-10.0	Flow Cytometry
Eosinophils	0.8^L	%	1 - 6	Flow Cytometry
Basophils	1.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.06	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.47^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.99	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.10	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 pertain 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 02:00:00
Authenticated On : 21-10-2024 16:03:00

Received On : 21-10-2024 14:20:00
Released On : 21-10-2024 16:32:59

Pring

Padmapriya Kumaresan
Sr. Technician
DHA-P-2992011

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose(RBS)	74.00	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	HK/G-6-PDH

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

Sample Type : *Fluoride Plasma*

C-Reactive Protein (CRP)	2.06	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay
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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	184.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: ≥ 240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	54.40	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: ≥ 500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	65.90	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	105.00	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: ≥ 190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	13.10	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	2.79	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: ≥ 6	Calculation

Sample Type : Serum

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

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