

LABORATORY REPORT

Name	: VISHNU MURALI MURALI GANGADAR	File. No.	: AAL02-324644
DOB/Gender	: 13-04-1991 (32 Yrs 9 Month 15 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240040334	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 04-01-2024 21:12:23	Clinic File No	: 40417
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.67 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.6	g/dl	13.0 - 17.0	Photometry-SLS
HCT	45.1	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	79.5 ^L	fl	83.0 - 101.0	Calculation
MCH	27.5	pg	27-32	Calculation
MCHC	34.6 ^H	g/dL	31.5 - 34.5	Calculation
Platelet Count	191	10 ³ /uL	150 - 400	HF (DCD)
WBC	9.93	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	70.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	16.5 ^L	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.4	%	2.0-10.0	Flow Cytometry
Eosinophils	2.9	%	1 - 6	Flow Cytometry
Basophils	0.7	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	7.00	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.64	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.93	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.29	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.07	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening.
Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

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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 : 04-01-2024 19:00:00 Received On : 04-01-2024 21:13:00
Authenticated On : 04-01-2024 22:42:25 Released On : 04-01-2024 22:43:16



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	28.80^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:

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Sample Type : Serum

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HEPATIC FUNCTION PANEL (LIVER FUNCTION TEST) CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.83	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Bilirubin - Direct	0.40	mg/dL	0.00-0.5	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	70.40	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	31.00	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	16.60	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	7.03	g/dL	6.40 - 8.30	Colorimetric - Biuret
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	4.63	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.40 ^L	g/dL	2.50 - 3.50	Calculation
**Albumin/Globulin Ratio	1.93	Ratio	1.10 - 2.50	Calculation

Remarks:

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Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	258.00^H	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	141.00	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	33.60^L	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	203.00^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	21.40	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	7.68^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Remarks:

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Sample Type : Serum

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

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