

LABORATORY REPORT

Name	: MUHAMMAD NAWAZ MUHAMMAD IRFAN	File. No.	: AAL02-368104
DOB/Gender	: 01-01-1983 (40 Yrs 11 Month 29 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22233640351	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 30-12-2023 21:17:59	Clinic File No	: 27703
Insurance	: No		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.10	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	13.8	g/dl	13.0 - 17.0	Photometry-SLS
HCT	41.0	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	80.4 ^L	fl	83.0 - 101.0	Calculation
MCH	27.1	pg	27-32	Calculation
MCHC	33.7	g/dL	31.5 - 34.5	Calculation
Platelet Count	264	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.72	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	58.7	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	22.0	%	20.0 - 40.0	Flow Cytometry
Monocytes	9.8	%	2.0-10.0	Flow Cytometry
Eosinophils	9.1 ^H	%	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)	4.53	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.70	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.76	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.70 ^H	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

H/L Collected On : 30-12-2023 20:00:00

Authenticated On : 30-12-2023 23:59:03

Received On : 30-12-2023 21:18:00

Released On : 31-12-2023 00:05:21



Esmeralda Obenita

Lab Incharge

DHA/LS/2992011/ 241430

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
C-Reactive Protein (CRP)	7.95^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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IMMUNOLOGY/SEROLOGY/INFECTIOUS DISEASES

Test Name	Result	Units	Ref. Range	Method
**Hepatitis B surface Ag	0.39	Cutoff Index (COI)	Non Reactive: <0.90 Borderline: >= 0.90 to < 1.0 Reactive: >= 1.0	ECLIA
**Hepatitis B "s" Ag Interpretation	Non-Reactive		Non-Reactive	

Full HepB profile is recommended in case of a Reactive result. HBs Ag Index value is an instrument dependant value and should not be used for monitoring.

For monitoring HepB levels (track treatment), a quantitative viral load by PCR is advised.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 20/10/23

Hepatitis C Virus Abs	0.04	Cutoff Index (COI)	Non Reactive: <0.90 Borderline: >= 0.90 to < 1.0 Reactive: >=1.0	ECLIA
Hepatitis C Virus Ab Interpretation	Non-Reactive		Non-Reactive	

Note: Patient with acute HCV infection may still be non-reactive for HCV abs ('diagnostic window'). Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

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

Sample Type : Serum

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Reference range related to Age/Gender.

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DHA/LS/248469

H/L Collected On : 30-12-2023 20:00:00 Received On : 30-12-2023 21:28:00
Authenticated On : 30-12-2023 23:59:04 Released On : 31-12-2023 00:05:21



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LIVER FUNCTION TEST CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.26	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Bilirubin - Direct	0.16	mg/dL	0.00-0.5	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	47.90	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	27.80	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	101.00	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Gamma Glutamyl Transferase (GGT)	96.30 ^H	U/L	<60	Enzymatic-GG 3C4Nitro AN
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	6.54	g/dL	6.40 - 8.30	Colorimetric - Biuret
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	4.08	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.46 ^L	g/dL	2.50 - 3.50	Calculation
**Albumin/Globulin Ratio	1.66	Ratio	1.10 - 2.50	Calculation

Remarks:

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Sample Type : Serum

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

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