

LABORATORY REPORT

Name	: NAVEED KHAN	File. No.	: AAL02-334928
DOB/Gender	: 02-07-1992 (31 Yrs 1 Month 8 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22232220347	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 10-08-2023 22:05:41	Clinic File No	: 39402
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.54 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	15.2	g/dl	13.0 - 17.0	Photometry-SLS
HCT	47.0	%	40.0 - 50.0	Hydrodynamic focusing
MCV	84.8	fl	83.0 - 101.0	Calculation
MCH	27.4	pg	27-32	Calculation
MCHC	32.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	154	10 ³ /uL	150 - 400	Hydrodynamic Focusing(DCD)
WBC	8.40	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	51.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	38.3	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.7	%	2.0-10.0	Flow Cytometry
Eosinophils	1.0	%	1 - 6	Flow Cytometry
Basophils	0.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.35	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	3.22 ^H	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.73	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.08	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.02	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.

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 : 10-08-2023 21:00:00 Received On : 10-08-2023 22:06:00
Authenticated On : 10-08-2023 23:13:49 Released On : 10-08-2023 23:21:52

Prings

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822

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

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COAGULATION

Test Name	Result	Units	Ref. Range	Method
Prothrombin Time	10.3	Sec	9.4 - 12.5	Clot Detection-Optical
PT Control	10.8	Sec		Clot Detection-Optical
INR	0.95		Normal Individuals: 0.8 - 1.2 Therapeutic Range: 2.0 - 3.0	Calculation

INR Therapeutic Ranges:

Prophylaxis of deep vein thrombosis } 2.0 - 3.0

Treatment of deep vein thrombosis, pulmonary embolism } 2.0 - 3.0

Prophylaxis of systemic embolism } 2.0 - 3.0

Recurrent systemic embolism } 2.5 - 3.5

Mechanical prosthetic heart valves } 2.5- 3.5

Kindly note new reference range for PT INR effective from 8/3/2017

Sample Type : Citrate Plasma

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
CRP - quant (serum)	1.64	mg/L	< 5.0	Immunoturbidimetric

Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	240.7^H	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	301.0^H	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	41.0	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	158.8^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	41.0^H	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	5.9^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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