

LABORATORY REPORT

Name	: MOHAMMED ABUL FAZAL HAJEE ALI AHMED	File. No.	: DML02-806853
DOB/Gender	: 17-05-1965 (58 Yrs 9 Month 25 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22240350175	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 04-02-2024 14:55	Clinic File No	: 36862
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.15	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.9	g/dl	13.0 - 17.0	Photometry-SLS
HCT	43.5	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	84.5	fl	83.0 - 101.0	Calculation
MCH	28.9	pg	27-32	Calculation
MCHC	34.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	254	10 ³ /uL	150 - 400	HF (DCD)
WBC	6.19	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	63.9	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	26.7	%	20.0 - 40.0	Flow Cytometry
Monocytes	6.5	%	2.0-10.0	Flow Cytometry
Eosinophils	1.6	%	1 - 6	Flow Cytometry
Basophils	1.3	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.96	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.65	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.40	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.10	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.08	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

H/L Collected On : 04-02-2024 13:00:00
Authenticated On : 04-02-2024 19:10:06
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Rhea Suberon
Medical Laboratory Technician
DHA/LS/123639

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Request Date : **04-02-2024 14:55** Clinic File No : **36862**
Insurance : **NEXTCARE**

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Glucose (Fasting)	99.50	mg/dL	70 - 100	HK/G-6-PDH
Please note Reference Range Reviewed w.ef 15/10/23 Sample Type : Fluoride Plasma				
Creatinine (serum)	0.93	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Urea	12.70^L	mg/dL	12.86 - 42.64	Urease/GLDH

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

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
Total PSA	1.600	ng/mL	0.00-3.10	ECLIA

Conversion Formula: (Concentration in ng/mL) x (1.0) = g/L. Serum PSA concentrations, regardless of the value, should not be interpreted as definitive evidence for the presence or absence of prostatic cancer. In addition, PSA testing should be done in conjunction with DRE, because PSA and DRE together detected the greatest number of cancers. Prostatic biopsy is required for the diagnosis of cancer. 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	141.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	61.60	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	50.10	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	83.30	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	7.60	mg/dL	5.0 - 30.0	Calculation
**Cholesterol / HDL	2.81	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

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

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