

LABORATORY REPORT

Name	: MOHAMMAD ABDOLAZIZ DELRISH	File. No.	: AAL02-308126
DOB/Gender	: 14-09-2015 (7 Yrs 8 Month 1 Days/Male)	Referral Doctor	: Dr. Mohammadmahdi Ghodstehrani
Lab No.	: 22231340260	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 14-05-2023 15:55	Clinic File No	: 40090
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.56	10 ¹² /L	4.00 - 5.20	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.7	g/dl	11.5 - 15.5	Photometry-SLS
HCT	39.8	%	35.0 - 45.0	Hydrodynamic focusing
MCV	87.3	fl	77.0 - 95.0	Calculation
MCH	27.9	pg	25.0 - 33.0	Calculation
MCHC	31.9	g/dL	31.0 - 37.0	Calculation
Platelet Count	314	10 ³ /uL	170 - 450	Hydrodynamic Focusing(DCD)
WBC	8.59	10 ³ /uL	5.00 - 13.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	46.1	%	22.0 - 89.0	Flow Cytometry
Lymphocytes	38.1	%	25.0 - 65.0	Flow Cytometry
Monocytes	8.6	%	2.0 - 10.0	Flow Cytometry
Eosinophils	6.4	%	1.0 - 8.0	Flow Cytometry
Basophils	0.8	%	<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 - 8.00	Calculation
Lymphocytes (Absolute)	3.27	10 ³ /uL	1.00 - 5.00	Calculation
Monocytes (Absolute)	0.74	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.55	10 ³ /uL	0.10 - 1.00	Calculation
Basophils (Absolute)	0.07	10 ³ /uL	< 0.15	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.9	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 : 11-05-2023 19:00:00
Authenticated On : 14-05-2023 19:16:31
Printed On : 14-05-2023 19:17:29

Received On : 14-05-2023 15:58:00
Released On : 14-05-2023 19:17:05
Reprinted On : 15-05-2023 12:54:43

Rhea Suberon
Medical Laboratory Technician
DHA/LS/123639

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (serum)	2.1346	μIU/mL	0.5100 - 4.8200	CMIA
Total T3 (serum)	102.5	ng/dL	94.0 - 241.0	CMIA

Kindly note new reference range for Total T3 effective from 06/03/2021

Sample Type : Serum

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MICROBIOLOGY/BACTERIOLOGY/BODY FLUIDS

Test Name	Result	Units	Ref. Range	Method
<u>URINE ROUTINE (URINALYSIS)</u>				
<u>PHYSICAL EXAMINATION</u>				
Color	Light Yellow		Yellow	Light Scatter
Appearance	Clear		Clear	Light Scatter
Specific Gravity	1.025		1.005 - 1.030	Refractrometry
PH	6.00		4.6 - 8.0	pH.I/Reflectance
Glucose	Negative		Negative	Enz.Rn/Reflect
Ketone	Negative		Negative	Legal's method
Protein	Negative		Negative	Dye Binding
Blood	Negative		Negative	Peroxidase Activity/Reflectance
Bilirubin	Negative		Negative	Acidified Diazo Coupling
Urobilinogen	2.0 ^H	mg/dL	Normal 0.2 - 1.0	Buffered Diazo Coupling
Nitrite	Negative		Negative	Mod. Gries Rn
Leukocytes.	Negative		Negative	Enz.Rn/Reflect
<u>MICROSCOPIC EXAMINATION</u>				
Pus Cells	1 - 2	/HPF	1 - 4	F.D.I/Microscopy
RBC's	0 - 1	/HPF	0 - 2	F.D.I/Microscopy
Epithelial cells	0 - 1	/HPF	1 - 4	F.D.I/Microscopy
Bacteria	Absent	/HPF	Absent	F.D.I/Microscopy
Yeast cells	Absent	/HPF	Absent	F.D.I/Microscopy
Trichomonas Vaginalis	Absent	/HPF	Absent	F.D.I/Microscopy
Mucus Threads	Few	/HPF	Absent	F.D.I/Microscopy
Crystals	Absent	/HPF	Absent	F.D.I/Microscopy
Casts	Absent	/LPF	Absent	F.D.I/Microscopy

Bilirubin and Urobilinogen when exposed to sunlight leads to artificially low results, hence recommended to collect urine in dark container for analyzing Urine

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Test Name	Result	Units	Ref. Range	Method
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Bilirubin and Urobilinogen if clinically indicated.

Kindly note the new methodology is effective from 31-10-2022.

Remarks:

Test was rechecked. Recommended to repeat test with new sample for urobilinogen confirmation.

Sample Type : Mid-stream Urine

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol (serum)	196.7	mg/dL	Desirable: < 200 Border High: 200 - 239 High: >= 240	Enzymatic
Triglycerides (serum)	72.0	mg/dL	Normal: < 150 Borderline High: 150 - 199 High: 200 - 499 Very High: >= 500	Glycerol Phosphate Oxidase
HDL Cholesterol	64.3	mg/dL	> 40.0	Accelerator Selective Detergent
LDL Cholesterol	136.3^H	mg/dL	Optimal: < 100 Near Optimal: 100 - 129 Borderline High: 130 - 159 High: 160 - 189 Very High: >= 190	Liquid Selective detergent
*VLDL	14.4	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	3.1	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: > 6	Calculation

Remarks:

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

Sample Type : Serum

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

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