

Name : Mohammed Abul Fazal Hajee Ali Ahmed
Lab. No. : 3022113551
Contract. : Nas (GN, CN, EN, RN, SR) 5% - Dubai Branch
Patient No. : 30-79642
File No. : 36862
Sample Date : 11/09/2022 13:59 PM
Report Date : 11/09/2022 18:54 PM
Doctor references : Dr. Tooba Karim

Branch : Al Borg Lab. Dubai Deirah **Age** : 57 Year **DOB** 17/05/1965 **Sex** : Male

Urine Analysis

Test	Result	Unit	Ref. Range
Urine Physical Examination			
Colour	Yellow		Yellow
Aspect	Clear		Clear
Specific Gravity	1.020		1.005 - 1.028
pH	5.0		5 - 8
Leucocyte esterase	Absent		Absent
Nitrite	Absent		Absent
Protein	Absent		Absent
Glucose	Absent		Absent
Ketones	Absent		Absent
Urobilinogen	Normal Trace		Trace
Bilirubin	Absent		Absent
Blood and Haemoglobin	Absent		Absent
Urine Microscopic Examination			
W. B. Cs / HPF	1 - 2	cells	0 - 7
R. B. Cs / HPFs	0 - 1	cells	0 - 6
Epithelial Cells / HPF	Few	cells	Few to some cells
Casts	Absent		Absent
Crystals	Absent		Absent

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Deirah Age : 57 Year DOB 17/05/1965 Sex : Male

Urine Analysis

Test	Result	Unit	Ref. Range
Amorphous Elements	Absent		Absent

Comments

Sample type: Urine

Methodology
Semi-automatic benchtop instrument Combiscreen 11SYS

*This is non-accredited test.

Reviewed By:



Dr. Shailendra Rathod.MD
Laboratory Director
Physician Specialist Clinical
Pathology
License no. 10944644-001

** End Of Report **

Verified By : Tasneem M Mukri

Printed By: System

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PM :Printed Date 20:09 11/09/2022

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Chemistry Unit

Test	Result	Unit	Ref. Range
Urea in Serum	21	mg/dL	16 - 48.5

Comments

Sample type: Serum
 Methodology: Kinetic with urea & glutamate dehydrogenase

Creatinine in Serum	0.85	mg/dl	0.67 - 1.17
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Comments

Sample type: Serum
 Methodology: Kinetic colorimetric assay Jaffe method with picrate in alkaline solution.

Uric Acid in Serum	5.6	mg/dL	3.4 - 7
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Comments

Sample type: Serum
 Methodology: Enzymatic, colorimetric assay method

Chloride in Serum	106	mmol/L	98 - 107
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0 - 30 Days : 98 - 113
 Adult : 98 - 107
 Adult, >90 years : 98 - 111

Comments

Primary sample: Serum
 Methodology: Ion Selective Electrode

Potassium (K) in Serum	4.5	mmol/L	3.5 - 5.1
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Newborn (<7 Days) : 3.7 - 5.9
 Infant (7 Days - 1 Year) : 4.1 - 5.3
 Child (1 Yrs - 18 Yrs) : 3.4 - 4.7
 Adult (18 Yrs & above) : 3.5 - 5.1

Comments

Primary sample: Serum
 Methodology: Ion Selective Electrode

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Chemistry Unit

Test	Result	Unit	Ref. Range
Sodium (Na) in Serum	137	mmol/L	136 - 145 Newborn (<7 Days) 133 - 146 Infant (7 Days - 1 Year) 139 - 146 Child (1 Yrs - 18 Yrs) 138 - 145 Adult (18 Yrs - 90 Yrs) 136 - 145 (Adult >90 Years) 132 - 146

Comments

Primary sample: Serum
Methodology: Ion Selective Electrode

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Sample Date : 11/09/2022 13:59 PM
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Doctor references : Dr. Tooba Karim

Branch : Al Borg Lab. Dubai Deirah **Age** : 57 Year **DOB** 17/05/1965 **Sex** : Male

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Hemoglobin	14.8	g/dL	13.5 - 17.5
Hematocrit	42.7	%	38.8 - 50
Red cell count	5.03	$\times 10^{12}/L$	4.32 - 5.72
MCV	84.9	fL	81.2 - 95.1
MCH	29.4	pg	26.5 - 32.6
MCHC	34.7	g/dL	32 - 36
RDW	14.9	%	11.8 - 15.6
Total Leucocytic Count	7.18	$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.07	$\times 10^9/L$	0 - 0.3
Basophils relative count	0.97	%	
Eosinophils absolute count	0.38	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	5.29	%	
Neutrophils absolute count	4.05	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	56.41	%	
Lymphocytes absolute count	1.52	$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	21.17	%	
Monocytes absolute count	1.16	$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	16.16	%	

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Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Platelet Count	205	x10 ⁹ /L	150 - 450

Comments

Sample type: EDTA Whole Blood

Methodology: (Hemoglobin =Cyanmethemoglobin) (Hematocrit = Calculation) (RBC, PLT, WBC and Diff Count = Flow cytometry)

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Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Cholesterol	146	mg/dl	No risk <200 Moderate risk 200 - 240 High risk >240
Comments Primary sample: Serum Methodology : Enzymatic colorimetric assay in the presence pf peroxidase.			
Triglycerides (TG) in Serum	78	mg/dL	Normal<200
Comments Primary sample: Serum Methodology : Enzymatic colorimetric assay			
HDL Cholesterol	48	L mg/dL	Optimum level ≥ 60 Borderline risk: 40-59 High risk: <40
Comments Primary sample: Serum Methodology : HOmogeneous Enzymatic colorimetric assay.			
LDL Cholesterol	83	mg/dl	Optimal <100 Near optimal 100-129 Borderline high 130-159 High 160-189 Very high >189
Comments Sample type: Serum Methodology: Calculation			

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Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Non-HDL Cholesterol	98	mg/dL	very high >220 High 190-219 Borderline high 160-189 Near Ideal 130-159 Ideal for people at risk of heart disease <130 Ideal for people at very high risk of heart disease <100

Comments

Patients with elevated levels of non-HDL-C and normal levels of LDL-C, often have an increased number of LDL particles, increased apo B or increased small, dense LDL particles and these are associated with an increased risk of CVD. Therefore non-HDL-C might be more valuable indicator of cardiovascular risk than LDL-C. The treatment goal for non-HDL cholesterol in persons with high triglycerides (>199 mg/dl) is 30 mg/dl higher than their LDL cholesterol goal.

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