

Name : Clement Savio Anthony
Lab. No. : 3022120149
Contract. : Peshawer medical L.L.C
Patient No. : 30-84255
File No. : 38550

Sample Date : 21/11/2022 15:36 PM
Report Date : 21/11/2022 20:50 PM
Doctor references : Dr. Marvis Enyl

Branch : Al Borg Lab. Dubai Deirah **Age** : 44 Year **DOB** 23/04/1978 **Sex** : Male

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Hemoglobin	14.5	g/dL	13.5 - 17.5
Hematocrit	44.9	%	38.8 - 50
Red cell count	5.27	$\times 10^{12}/L$	4.32 - 5.72
MCV	85.2	fL	81.2 - 95.1
MCH	27.5	pg	26.5 - 32.6
MCHC	32.3	g/dL	32 - 36
RDW	12.6	%	11.8 - 15.6
Total Leucocytic Count	7.70	$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.09	$\times 10^9/L$	0 - 0.3
Basophils relative count	1.17	%	
Eosinophils absolute count	0.72	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	9.35	%	
Neutrophils absolute count	4.28	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	55.58	%	
Lymphocytes absolute count	2.14	$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	27.79	%	
Monocytes absolute count	0.47	$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	6.10	%	

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Branch : Al Borg Lab. Dubai
Deirah Age : 44 Year DOB 23/04/1978 Sex : Male

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Platelet Count	272	x10 ⁹ /L	150 - 450

Comments

Sample type: EDTA Whole Blood

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

Reviewed By:



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

** End Of Report **

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Branch : Al Borg Lab. Dubai Deirah **Age** : 44 Year **DOB** 23/04/1978 **Sex** : Male

Chemistry Unit

Test	Result	Unit	Ref. Range
Urea in Serum	27	mg/dL	16 - 48.5

Comments

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

Creatinine in Serum	0.83	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	6.8	mg/dL	3.4 - 7
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Comments

Sample type: Serum
Methodology :Enzymatic, colorimetric assay method

Chloride in Serum	99	mmol/L	95 - 105
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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
*This test was outsourced to an accredited laboratory.

Potassium (K) in Serum	5.1	mmol/L	3.5 - 5.3
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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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Branch : Al Borg Lab. Dubai Deirah **Age** : 44 Year **DOB** 23/04/1978 **Sex** : Male

Chemistry Unit

Test	Result	Unit	Ref. Range
Sodium (Na) in Serum	137	mmol/L	135 - 150 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
*This test was outsourced to an accredited laboratory.

Troponin I	Negative	pg/mL	0 - 34.2 Negative
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Comments

Sample type: Serum
Methodology: Qualitative membrane Immunoassay
*This is non-accredited test.

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**** End Of Report ****

Verified By : Asmaa Ahmed Abdelsatar ,Shailendra Rathod.MD

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Sample Date : 21/11/2022 15:36 PM
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Doctor references : Dr. Marvis Enyl

Branch : Al Borg Lab. Dubai Deirah Age : 44 Year DOB 23/04/1978 Sex : Male

Glycated Haemoglobin (HbA1c)

Test	Result	Unit	Ref. Range
Hb A1c % {According to (DCCT/ NGSP)}	10.6	%	(NGSP Standardized) Normal: 4 - 5.6 Prediabetic: 5.7 - 6.4 Diabetes: ≥ 6.5 Controlled Diabetes: <7
Mean of blood glucose (in the last 3 months)	258	mg/dl	

Comments

Primary sample: Whole blood
Methodology: Turbidimetric inhibition immunoassay(TINIA)

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Sample Date : 21/11/2022 15:36 PM
Report Date : 21/11/2022 17:08 PM
Doctor references : Dr. Marvis Enyl

Branch : Al Borg Lab. Dubai Deirah Age : 44 Year DOB 23/04/1978 Sex : Male

C-Reactive Protein (CRP)

Test	Result	Unit	Ref. Range
C-Reactive Protein (CRP)	5.47	mg/L	0 - 5

Comments

Sample Type: Serum

Methodology: Particle Enhanced Turbidimetric assay

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Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Cholesterol	168	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	153	mg/dL	Normal<200
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Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay

HDL Cholesterol	39	L mg/dL	Optimum level ≥ 60 Borderline risk: 40-59 High risk: <40
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Comments

Primary sample: Serum
Methodology : HOMOgeneous Enzymatic colorimetric assay.

LDL Cholesterol	99	mg/dl	Optimal <100 Near optimal 100-129 Borderline high 130-159 High 160-189 Very high >189
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Comments

Sample type: Serum
Methodology: Calculation

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Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Non-HDL Cholesterol	129	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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