

Name : Muhammad Adnan Ramzan
Lab. No. : 3023123899
Contract. : Nas (WN, VN)-Dubai Branch
Patient No. : 30-86866
File No. : 35188

Sample Date : 04/01/2023 11:46 AM
Report Date : 04/01/2023 15:42 PM
Doctor references : Dr. Tahniyat Iqbal

Branch : Al Borg Lab. Dubai Deirah Age : 32 Year DOB 27/07/1991 Sex : Male

Chemistry Unit

Test	Result	Unit	Ref. Range
Alanine Aminotransferase (ALT)	26	U/L	5 - 41

Comments

Primary type: Serum

Methodology : Enzymatic colorimetric assay according to IFCC without pyridoxal-5-phosphate.

Aspartate Aminotransferase (AST)	23	U/L	0 - 40
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Comments

Primary sample: Serum

Methodology : Enzymatic colorimetric assay according to IFCC without pyridoxal-5-phosphate.

Reviewed By:



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

**** End Of Report ****

Verified By : Shailendra Rathod.MD

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C-Reactive Protein (CRP)

Test	Result	Unit	Ref. Range
C-Reactive Protein (CRP)	12.43	mg/L	0 - 5

Comments

Sample Type: Serum
Methodology: Particle Enhanced Turbidimetric assay

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Sample Date : 04/01/2023 11:46 AM
Report Date : 04/01/2023 15:18 PM
Doctor references : Dr. Tahniyat Iqbal

Branch : Al Borg Lab. Dubai Deirah **Age** : 32 Year **DOB** 27/07/1991 **Sex** : Male

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Hemoglobin	14.4	g/dL	13.5 - 17.5
Hematocrit	43.4	%	38.8 - 50
Red cell count	5.05	$\times 10^{12}/L$	4.32 - 5.72
MCV	85.9	fL	81.2 - 95.1
MCH	28.5	pg	26.5 - 32.6
MCHC	33.2	g/dL	32 - 36
RDW	12.0	%	11.8 - 15.6
Total Leucocytic Count	6.77	$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.02	$\times 10^9/L$	0 - 0.3
Basophils relative count	0.30	%	
Eosinophils absolute count	0.16	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	2.36	%	
Neutrophils absolute count	5.20	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	76.81	%	
Lymphocytes absolute count	0.90	$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	13.29	%	
Monocytes absolute count	0.49	$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	7.24	%	

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Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Platelet Count	225	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	157	mg/dl	No risk <200 Moderate risk 200 - 240 High risk >240

Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay in the presence of peroxidase.

Triglycerides (TG) in Serum	118	mg/dL	Normal<200
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Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay

HDL Cholesterol	42	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	91	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

*This is non-accredited test.

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Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Non-HDL Cholesterol	115	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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** End Of Report **