

Name : Nawras Mohammad Alkordi
Lab. No. : 3022119549
Contract. : Peshawer medical L.L.C
Patient No. : 30-83831
File No. : 38461

Sample Date : 14/11/2022 20:32 PM
Report Date : 15/11/2022 09:31 AM
Doctor references : Dr. Marvis Enyl

Branch : Al Borg Lab. Dubai Deirah **Age** : 19 Year **DOB** 01/06/2003 **Sex** : Male

Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Cholesterol	178	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	58	mg/dL	Normal<200
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Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay

HDL Cholesterol	37	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	129	H 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	141	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.

Reviewed By:



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

** End Of Report **

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Sample Date : 14/11/2022 20:32 PM
Report Date : 15/11/2022 08:58 AM
Doctor references : Dr. Marvis Enyl

Branch : Al Borg Lab. Dubai Deirah **Age** : 19 Year **DOB** 01/06/2003 **Sex** : Male

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Hemoglobin	16.3	g/dL	13.5 - 17.5
Hematocrit	51.6 H	%	38.8 - 50
Red cell count	6.99*	$\times 10^{12}/L$	4.32 - 5.72
MCV	73.8 L	fL	81.2 - 95.1
MCH	23.3 L	pg	26.5 - 32.6
MCHC	31.6 L	g/dL	32 - 36
RDW	16.3 H	%	11.8 - 15.6
Total Leucocytic Count	7.52	$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.03	$\times 10^9/L$	0 - 0.3
Basophils relative count	0.40	%	
Eosinophils absolute count	0.03 L	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	0.40	%	
Neutrophils absolute count	5.73	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	76.20	%	
Lymphocytes absolute count	1.48	$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	19.68	%	
Monocytes absolute count	0.25 L	$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	3.32	%	

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Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Platelet Count	320	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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Sample Date : 14/11/2022 20:32 PM
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Doctor references : Dr. Marvis Enyl

Branch : Al Borg Lab. Dubai Deirah **Age** : 19 Year **DOB** 01/06/2003 **Sex** : Male

Chemistry Unit

Test	Result	Unit	Ref. Range
Urea in Serum	17	mg/dL	16 - 48.5
Comments Sample type: Serum Methodology: Kinetic with urea & glutamate dehydrogenase			
Creatinine in Serum	0.82	mg/dl	0.67 - 1.17
Comments Sample type: Serum Methodology : Kinetic colorimetric assay Jaffe method with picrate in alkaline solution.			
Uric Acid in Serum	8.4	H mg/dL	3.4 - 7
Comments Sample type: Serum Methodology :Enzymatic, colorimetric assay method			
Chloride in Serum	104	mmol/L	98 - 107 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	5.2	H mmol/L	3.5 - 5.1 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 Test result to be interpreted in the light of clinical history and to be investigated further if necessary.			

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Chemistry Unit

Test	Result	Unit	Ref. Range
Sodium (Na) in Serum	143	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

Glucose in Plasma (Fasting)	94	mg/dl	70 - 100 Normal: 70 - 100 Pre-Diabetes: 100 -125 Diabetes: ≥ 126
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Comments

Primary sample: Plasma
Methodology: Enzymatic reference method with hexokinase

Reviewed By:



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Laboratory Director
Physician Specialist Clinical Pathology
License no. 10944644-001

** End Of Report **

Verified By : Rizvath Noushad ,Shailendra Rathod.MD

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