

Name : Filip Minar **Sample Date** : 19/12/2022 17:19 PM
Lab. No. : 3022122546 **Report Date** : 19/12/2022 18:16 PM
Contract. : Peshawer medical L.L.C **Doctor references** : Dr. Marvis Enyl
Patient No. : 30-85932
File No. : 38896

Branch : Al Borg Lab. Dubai **Age** : 30 Year **DOB** 17/05/1992 **Sex** : Male
Deirah

Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Cholesterol	149	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	55	mg/dL	Normal<200
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Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay

HDL Cholesterol	61	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	77	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	88	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 : 19/12/2022 17:19 PM
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Doctor references : Dr. Marvis Enyl

Branch : Al Borg Lab. Dubai Deirah **Age** : 30 Year **DOB** 17/05/1992 **Sex** : Male

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Hemoglobin	17.5	g/dL	13.5 - 17.5
Hematocrit	47.9	%	38.8 - 50
Red cell count	5.26	$\times 10^{12}/L$	4.32 - 5.72
MCV	91.1	fL	81.2 - 95.1
MCH	33.3	H pg	26.5 - 32.6
MCHC	36.5	H g/dL	32 - 36
RDW	11.8	%	11.8 - 15.6
Total Leucocytic Count	5.08	$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.03	$\times 10^9/L$	0 - 0.3
Basophils relative count	0.59	%	
Eosinophils absolute count	0.06	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	1.18	%	
Neutrophils absolute count	3.37	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	66.34	%	
Lymphocytes absolute count	1.24	$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	24.41	%	
Monocytes absolute count	0.38	$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	7.48	%	

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Branch : Al Borg Lab. Dubai Age : 30 Year DOB 17/05/1992 Sex : Male
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Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Platelet Count	178	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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Infectious Immunology unit

Test	Result	Ref. Range
HIV P24 Ag And Abs (HIV Combo)	Nonreactive	Nonreactive

Comments

Sample type: Serum
Methodology: ElectroChemiluminescence Immunoassay.

This test is only a screening test

*This is non-accredited test.

Hepatitis B surface (HBs) Ag	Nonreactive	0 - 0.9
		Nonreactive

Comments

Primary sample: Serum
Methodology: ElectroChemiluminescence Immunoassay.

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Infectious Immunology unit

Test	Result	Ref. Range
Hepatitis C Virus (HCV) Abs	Nonreactive	Nonreactive

Comments

Primary sample: Serum

Methodology: ElectroChemiluminescence Immunoassay.

This test is only a screening test

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Branch : Al Borg Lab. Dubai Age : 30 Year DOB 17/05/1992 Sex : Male
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ABO & Rh

Test	Result
Blood Group	B
Rh	POSITIVE

Comments

Primary sample: Whole blood
Methodology: Forward Slide Method and Reverse Tube Method.

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Branch : Al Borg Lab. Dubai Deirah **Age** : 30 Year **DOB** 17/05/1992 **Sex** : Male

Chemistry Unit

Test	Result	Unit	Ref. Range	Lab
Urea in Serum	10	L mg/dL	16 - 48.5	
Comments Sample type: Serum Methodology: Kinetic with urea & glutamate dehydrogenase				
Creatinine in Serum	0.98	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	6.4	mg/dL	3.4 - 7	
Comments Sample type: Serum Methodology :Enzymatic, colorimetric assay method				
Chloride in Serum	101	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 *This test was outsourced to an accredited laboratory.				
Potassium (K) in Serum	4.4	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 *This test was outsourced to an accredited laboratory.				

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Chemistry Unit

Test	Result	Unit	Ref. Range	Lab
Sodium (Na) in Serum	139	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
 *This test was outsourced to an accredited laboratory.

Calcium in Serum (Total)	10.3	H	mg/dl	8.6 - 10.2
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Comments

Primary sample: Serum
 Methodology: Ion Selective Electrode

Magnesium (Mg) in Serum	2.4		mg/dL	1.6 - 2.6	BUH
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Comments

Primary sample: Serum
 Methodology: Chlorophosphonazo III Colorimetric method

Globulin in Serum	2.40		g/dl	2 - 3.9
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Comments

Sample type: Serum
 Methodology: Calculated

A/G Ratio	2.2	H		1 - 2
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Comments

Sample type: Serum
 Methodology: Calculated

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Chemistry Unit

Test	Result	Unit	Ref. Range	Lab
Glucose in Plasma (Random)	112	mg/dl	70 - 200	

Comments

Primary sample: Plasma
Methodology : Enzymatic reference method with hexokinase

**Please note new reference range

Bilirubin (Total)	0.47	mg/dL	0.1 - 1.2	
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Comments

Primary sample: Serum
Methodology: Colorimetric assay method

Bilirubin (Direct)	0.2	mg/dl	0.02 - 0.3	
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Comments

Primary sample: Serum
Methodology : Diazo Method

Alanine Aminotransferase (ALT)	15	U/L	5 - 41	
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Comments

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

Aspartate Aminotransferase (AST)	17	U/L	0 - 40	
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Comments

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

Alkaline Phosphatase	64	U/L	40 - 129	
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Comments

Primary sample: Serum
Methodology : AMP (Amino Methyl Propanol) optimized IFCC

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Chemistry Unit

Test	Result	Unit	Ref. Range	Lab
Gamma Glutamyl Transferase (GGT)	9	U/L	0 - 60	

Comments

Sample type: Serum
Methodology : Enzymatic colorimetric assay

*This is non-accredited test.

Albumin in Serum	5.3	H g/dl	3.5 - 5.2
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Comments

Sample type: Serum
Methodology : Colorimetric assay with endpoint method with bromocresol green (BCG)

Total Protein in Serum	7.7	g/dl	6.4 - 8.3
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Comments

Primary sample: Serum
Methodology: Colorimetric assay method with bromocresol green (BCG).

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Chemistry Unit

Test	Result	Unit	Ref. Range	Lab
Vitamin D (25 OH-Vit D -Total)	30.42	ng/mL	Deficiency <10 Insufficiency 10 - 30 Sufficiency 30 - 100 Toxicity >100	

Comments

Primary sample: Serum
Methodology: Chemiluminescence Immunoassay

*This is non-accredited test.

Reviewed By:



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BUH : This test was outsourced to Al Borg Medical Laboratories - Abu Dhabi, UAE

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Glycated Haemoglobin (HbA1c)

Test	Result	Unit	Ref. Range
Hb A1c % {According to (DCCT/ NGSP)}	4.8	%	(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)	91	mg/dl	

Comments

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

*This is non-accredited test.

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