

Name : Khurram Jamil Azhar
Lab. No. : 3022123668
Contract. : Next Care Insurance -Dubai
Patient No. : 784198064193141
File No. :
Sample Date : 31/12/2022 21:00 PM
Report Date : 31/12/2022 21:44 PM
Doctor references : Dr. Tahniyat Iqbal

Branch : Al Borg Lab. Dubai Deirah
Age : 42 Year
DOB 08/10/1980
Sex : Male

Glycated Haemoglobin (HbA1c)

Test	Result	Unit	Ref. Range
Hb A1c % {According to (DCCT/ NGSP)}	5.3	%	(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)	105	mg/dl	

Comments

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

*This is non-accredited test.

Reviewed By:



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

** End Of Report **

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Contract. : Next Care Insurance -Dubai
Patient No. : 784198064193141
File No. :
Sample Date : 31/12/2022 21:00 PM
Report Date : 31/12/2022 21:28 PM
Doctor references : Dr. Tahniyat Iqbal

Branch : Al Borg Lab. Dubai Deirah
Age : 42 Year
DOB 08/10/1980
Sex : Male

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Hemoglobin	15.8	g/dL	13.5 - 17.5
Hematocrit	50.4 H	%	38.8 - 50
Red cell count	6.03 H	$\times 10^{12}/L$	4.32 - 5.72
MCV	83.6	fL	81.2 - 95.1
MCH	26.2 L	pg	26.5 - 32.6
MCHC	31.3 L	g/dL	32 - 36
RDW	14.8	%	11.8 - 15.6
Total Leucocytic Count	5.03	$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.04	$\times 10^9/L$	0 - 0.3
Basophils relative count	0.80	%	
Eosinophils absolute count	0.22	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	4.37	%	
Neutrophils absolute count	2.41	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	47.91	%	
Lymphocytes absolute count	2.06	$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	40.95	%	
Monocytes absolute count	0.30	$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	5.96	%	

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Branch : Al Borg Lab. Dubai Age : 42 Year DOB 08/10/1980 Sex : Male
Deirah

Complete Blood Count - (CBC)

Test	Result	Unit	Ref. Range
Platelet Count	274	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 : 31/12/2022 21:00 PM
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Doctor references : Dr. Tahniyat Iqbal

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Deirah
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DOB 08/10/1980
Sex : Male

Urine Analysis

Test	Result	Unit	Ref. Range
Urine Physical Examination			
Colour	Yellow		Yellow
Aspect	Clear		Clear
Specific Gravity	1.010		1.005 - 1.028
pH	7.0		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	0-2	cells	0 - 6
Epithelial Cells / HPF	Few	cells	Few to some cells
Casts	Absent		Absent
Crystals	Absent		Absent

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Urine Analysis

Test	Result	Unit	Ref. Range
Amorphous Elements	Absent		Absent

Comments

Sample type: Urine

Methodology

Semi-automatic benchtop instrument Combiscreen 11SYS

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Chemistry Unit

Test	Result	Unit	Ref. Range
Urea in Serum	31	mg/dL	16 - 48.5

Comments

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

Creatinine in Serum	0.89	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	6.2	mg/dL	3.4 - 7
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Comments

Sample type: Serum
Methodology :Enzymatic, colorimetric assay method

Alanine Aminotransferase (ALT)	21	U/L	5 - 41
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Comments

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

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Chemistry Unit

Test	Result	Unit	Ref. Range
Aspartate Aminotransferase (AST)	20	U/L	0 - 40

Comments

Primary sample: Serum

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

Reviewed By:



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Verified By : Shailendra Rathod.MD

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Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Cholesterol	164	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	145	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	93	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	122	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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