

Name : Okezie Theophilus Nduche
Lab. No. : 3022114373
Contract. : Nas (WN, VN)-Dubai Branch
Patient No. : 30-80237
File No. : 26299

Sample Date : 19/09/2022 19:09 PM
Report Date : 19/09/2022 20:43 PM

Branch : Al Borg Lab. Dubai Deirah **Age** : 43 Year **DOB** 17/08/1979 **Sex** : Male

Complete Blood Count - (CBC)

Test	Result		Unit	Ref. Range
Hemoglobin	13.4	L	g/dL	13.5 - 17.5
Hematocrit	43.8		%	38.8 - 50
Red cell count	5.91	H	$\times 10^{12}/L$	4.32 - 5.72
MCV	74.1	L	fL	81.2 - 95.1
MCH	22.7	L	pg	26.5 - 32.6
MCHC	30.6	L	g/dL	32 - 36
RDW	18.3	H	%	11.8 - 15.6
Total Leucocytic Count	3.97		$\times 10^9/L$	3.5 - 10.5
Basophils absolute count	0.04		$\times 10^9/L$	0 - 0.3
Basophils relative count	1.01		%	
Eosinophils absolute count	0.04	L	$\times 10^9/L$	0.05 - 0.5
Eosinophils relative count	1.01		%	
Neutrophils absolute count	1.59	L	$\times 10^9/L$	1.7 - 7
Neutrophils relative count	40.05		%	
Lymphocytes absolute count	1.98		$\times 10^9/L$	0.9 - 3.1
Lymphocytes relative count	49.87		%	
Monocytes absolute count	0.32		$\times 10^9/L$	0.3 - 0.9
Monocytes relative count	8.06		%	

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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)

Reviewed By:



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

** End Of Report **

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Chemistry Unit

Test	Result	Unit	Ref. Range
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	4.6	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
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Comments

Primary sample: Serum
Methodology: Ion Selective Electrode

Sodium (Na) in Serum	138	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
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Comments

Primary sample: Serum
Methodology: Ion Selective Electrode

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Chemistry Unit

Test	Result	Unit	Ref. Range
Thyroid Stimulating Hormone (TSH)	1.43	uIU/mL	0.27 - 4.2

Comments

Note: TSH Reference range in pregnant women is varied according to the gestational age:
• First trimester: 0.100-2.500 uIU/mL
• Second trimester: 0.200-3.000 uIU/mL
• Third trimester: 0.300-3.000 uIU/mL
Primary sample: Serum
Methodology: Electrochemiluminescence

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Sex : Male

Cholesterol/HDL/LDL/Triglycerides

Test	Result	Unit	Ref. Range
Cholesterol	160	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	190	mg/dL	Normal<200
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Comments

Primary sample: Serum
Methodology : Enzymatic colorimetric assay

HDL Cholesterol	41	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	81	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	119	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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