

LABORATORY REPORT

Name	: DINUK MADUSANKA HEWA AMARAPPULIGE AMARAPPULIGE	File. No.	: AAL02-377475
DOB/Gender	: 15-03-1980 (44 Yrs 8 Month 27 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22243150161	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 10-11-2024 15:17:57	Clinic File No	: 38952
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.92	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.4	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.5	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	86.4	fl	83.0 - 101.0	Calculation
MCH	29.3	pg	27-32	Calculation
MCHC	33.9	g/dL	31.5 - 34.5	Calculation
Platelet Count	221	10 ³ /uL	150 - 400	HF (DCD)
WBC	6.33	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	45.8	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	42.0 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	7.9	%	2.0-10.0	Flow Cytometry
Eosinophils	3.8	%	1 - 6	Flow Cytometry
Basophils	0.5	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	2.90	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.66	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.50	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.24	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.03	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

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Test results pertain only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

Patient Sample Collected On : 10-11-2024 09:55:00
Authenticated On : 10-11-2024 17:58:11

Received On : 10-11-2024 15:37:00
Released On : 10-11-2024 18:11:10

Wasik

Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673

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Test Name	Result	Units	Ref. Range	Method
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Sample Type : EDTA WB

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	5.99^H	%	Normal: =< 5.6 High risk/prediabetes: 5.7-6.4 Diabetes: =>6.5	TINIA(turbidimetric inhibition immunoassay)

In the absence of unequivocal hyperglycemia, result should be confirmed by repeat testing. Diabetic patients with HbA1c less than 7% meets the therapeutic goals of the American Diabetes Association (ADA 2010). Please note Reference Range Reviewed w.ef 15/10/23 .

Sample Type : EDTA WB

Phosphorous	3.81	mg/dL	2.5-4.5	Molybdate UV
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Please note Reference Range Reviewed w.ef 15/10/23 .

Bilirubin - Direct	0.27	mg/dL	0.00-0.5	DIAZO
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Please note Reference Range Reviewed w.ef 15/10/23

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Sample Type : Serum

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**COMPREHENSIVE METABOLIC PROFILE-FBS
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Bilirubin - Total	0.53	mg/dL	0.20-1.20	DIAZO
Please note Reference Range Reviewed w.ef 15/10/23				
Alkaline Phosphatase	85.20	U/L	40-129	Colorimetric -P-NPT
Please note Reference Range Reviewed w.ef 15/10/23				
Alanine Aminotransferase (ALT / GPT)	52.40 ^H	U/L	10.0 - 50.0	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Aspartate Aminotransferase(AST / GOT)	29.20	U/L	10 - 50	NADH w/ P5P
Please note Reference Range Reviewed w.ef 15/10/23				
Calcium	10.20	mg/dL	8.6 - 10.3	NM-BAPTA
Please note Reference Range Reviewed w.ef 15/10/23				
*Total CO2 (Bicarbonate)	27.00	mmol/L	22.0 - 29.0	PEP Carboxylase
Please note Reference Range Reviewed w.ef 15/10/23				
Chloride (serum)	101.60	mmol/L	98 - 107	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Creatinine (serum)	0.98	mg/dL	0.70-1.20	Jaffe-Alkaline Picrate
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Serum				
Glucose (Fasting)	117.00 ^H	mg/dL	70 - 100	HK/G-6-PDH
Please note Reference Range Reviewed w.ef 15/10/23				
Sample Type : Fluoride Plasma				
Potassium (serum)	5.32	mmol/L	3.5 - 5.5	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				

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Insurance : **NAS ADMINISTRATION SERVICES LTD**

Test Name	Result	Units	Ref. Range	Method
Sodium	139.10	mmol/L	136 - 145	ISE Indirect
Please note Reference Range Reviewed w.ef 15/10/2023.				
Urea	23.50	mg/dL	12.86 - 42.86	Urease/GLDH
Please note Reference Range Reviewed w.ef 15/10/23				
Protein - Total	7.90	g/dL	6.40 - 8.30	Colorimetric - Biuret
Please note Reference Range Reviewed w.ef 15/10/23.				
Albumin	5.03^H	g/dL	3.97 - 4.94	Colorimetric - BCG
Please note Reference Range Reviewed w.ef 15/10/23				
*Globulin (serum)	2.87	g/dL	2.50 - 3.50	Calculation
*Albumin/Globulin Ratio	1.75	Ratio	1.10 - 2.50	Calculation

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	169.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	146.00	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: >or =500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	44.00	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	108.00	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: >or=190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	17.00	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	3.84	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

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