

LABORATORY REPORT

Name	: MUZAMMIL HUSSAIN REHMA ALI	File. No.	: AAL02-421712
DOB/Gender	: 04-03-1982 (42 Yrs 7 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22242970187	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 23-10-2024 14:20:09	Clinic File No	: 44624
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	5.95 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	12.4 ^L	g/dl	13.0 - 17.0	Photometry-SLS
HCT	38.4 ^L	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	64.5 ^L	fl	83.0 - 101.0	Calculation
MCH	20.8 ^L	pg	27-32	Calculation
MCHC	32.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	220	10 ³ /uL	150 - 400	HF (DCD)
WBC	6.95	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	43.4	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	41.3 ^H	%	20.0 - 40.0	Flow Cytometry
Monocytes	10.4 ^H	%	2.0-10.0	Flow Cytometry
Eosinophils	3.7	%	1 - 6	Flow Cytometry
Basophils	1.2	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.02	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.87	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.72	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.26	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.08	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

Recommended to do peripheral smear, iron studies and thalassemia screening. Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains 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 : 23-10-2024 11:35:00
Authenticated On : 23-10-2024 15:54:13

Received On : 23-10-2024 14:31:00
Released On : 23-10-2024 15:56:18

Pring

Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011

LABORATORY REPORT

Name	: MUZAMMIL HUSSAIN REHMA ALI	File. No.	: AAL02-421712
DOB/Gender	: 04-03-1982 (42 Yrs 7 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22242970187	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 23-10-2024 14:20:09	Clinic File No	: 44624
Insurance	: NEXTCARE		

Test Name	Result	Units	Ref. Range	Method
-----------	--------	-------	------------	--------

Sample Type : EDTA WB

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains 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 : 23-10-2024 11:35:00
Authenticated On : 23-10-2024 15:54:13

Received On : 23-10-2024 14:31:00
Released On : 23-10-2024 15:56:18



Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011

LABORATORY REPORT

Name	: MUZAMMIL HUSSAIN REHMA ALI	File. No.	: AAL02-421712
DOB/Gender	: 04-03-1982 (42 Yrs 7 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22242970187	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 23-10-2024 14:20:09	Clinic File No	: 44624
Insurance	: NEXTCARE		

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	5.63^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

Glucose(RBS)	107.00	mg/dL	Fasting: 70 - 100 1 hr post eating: 70 - 187 2 hrs post eating: 70 - 134	HK/G-6-PDH
---------------------	--------	-------	--	------------

Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Fluoride Plasma

C-Reactive Protein (CRP)	1.36	mg/L	Negative < or = to 5.0	Immunoturbidimetric Assay
---------------------------------	------	------	------------------------	---------------------------

CRP is an acute phase protein whose concentration rises non -specifically in response to inflammation. CRP values should not be interpreted without a complete clinical evaluation. Follow-up testing of patients with elevated values is recommended in order to help rule out a recent response to undetected infection or tissue injury. Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains 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 : 23-10-2024 11:35:00
Authenticated On : 23-10-2024 15:54:13

Received On : 23-10-2024 14:31:00
Released On : 23-10-2024 15:56:18

Pring

Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011

LABORATORY REPORT

Name	: MUZAMMIL HUSSAIN REHMA ALI	File. No.	: AAL02-421712
DOB/Gender	: 04-03-1982 (42 Yrs 7 Month 19 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22242970187	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 23-10-2024 14:20:09	Clinic File No	: 44624
Insurance	: NEXTCARE		

**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	102.00	mg/dL	Desirable: < 200 Borderline: 200-239 High: ≥ 240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	127.00	mg/dL	NCEP Adult Treatment Panel Normal: <150 Borderline: 150 - 199 High: 200-499 Very High: ≥ 500	Enzymatic GPO
Please note Reference Range Reviewed w.ef 15/10/23				
HDL Cholesterol	35.20 ^L	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	50.60	mg/dL	Optimal: < 100 Near or above optimal: 100-129 Borderline High: 130 - 159 High: 160-189 Very High: ≥ 190	Homo. Enz, Liq. Selective Surfactant
Please note Reference Range Reviewed w.ef 15/10/23				
*VLDL	16.20	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	2.90	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: ≥ 6	Calculation

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

----- End Of Report -----

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

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 : 23-10-2024 11:35:00
Authenticated On : 23-10-2024 15:54:13

Received On : 23-10-2024 14:31:00
Released On : 23-10-2024 15:56:18

Pring

Padmapriya Kumareshan
Sr. Technician
DHA-P-2992011