

LABORATORY REPORT

Name	: PRASHANT SHANKAR HEGDE SHANKAR MAHABAL HEGDE	File. No.	: AAL02-356599
DOB/Gender	: 29-10-1972 (51 Yrs 8 Month 28 Days/Male)	Referral Doctor	: Dr. Enomen Goodluck Ekata
Lab No.	: 22242090122	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 27-07-2024 15:00:04	Clinic File No	: 39628
Insurance	: NAS ADMINISTRATION SERVICES LTD		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	4.90	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.6	g/dl	13.0 - 17.0	Photometry-SLS
HCT	42.5	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	86.7	fl	83.0 - 101.0	Calculation
MCH	29.8	pg	27-32	Calculation
MCHC	34.4	g/dL	31.5 - 34.5	Calculation
Platelet Count	285	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.01	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	45.5	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	37.8	%	20.0 - 40.0	Flow Cytometry
Monocytes	8.3	%	2.0-10.0	Flow Cytometry
Eosinophils	7.7 ^H	%	1 - 6	Flow Cytometry
Basophils	0.7	%	<1-2	Flow Cytometry
Band Forms	0.0	%	< 6	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	3.19	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	2.65	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.58	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.54 ^H	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.05	10 ³ /uL	0.02 - 0.10	Calculation
Band Forms (Absolute)	0.00	10 ³ /uL	< 0.66	Calculation

Remarks:

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 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 : 27-07-2024 12:00:00
Authenticated On : 27-07-2024 16:58:10

Received On : 27-07-2024 15:00:00
Released On : 27-07-2024 17:10:29



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)	6.61^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 .

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
TSH (Thyroid Stimulating Hormone)	4.1500	μIU/mL	0.270 - 4.20	ECLIA

Conversion Formula: (Concentration in IU/ mL) x (1.0) = mIU/L. The determination of TSH serves as the initial test in thyroid diagnostics. Even very slight changes in the concentrations of the free thyroid hormones bring about much greater opposite changes in the TSH level. Accordingly, TSH is a very sensitive and specific parameter for assessing thyroid function and is particularly suitable for early detection or exclusion of disorders in the central regulating circuit between the hypothalamus, pituitary and thyroid. Please note Reference Range Reviewed w.ef 15/10/23 .
Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	148.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic- Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	139.00	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	30.50 ^L	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	92.10	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	25.40	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	4.85 ^H	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Remarks:

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Sample Type : Serum

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

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