

LABORATORY REPORT

Name	: RAJIVA DIKSHIT PUTTANNA	File. No.	: AAL02-1306026
DOB/Gender	: 08-12-1976 (48 Yrs 4 Month 10 Days/Male)	Referral Doctor	: Dr. Farhan Ilyas Malik
Lab No.	: 22251080117	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 18-04-2025 13:33:22	Clinic File No	: 46494
Insurance	: NEXTCARE		

HAEMATOLOGY & COAGULATION

Test Name	Result	Units	Ref. Range	Method
<u>COMPLETE BLOOD COUNT (CBC) WITH DIFFERENTIAL</u>				
RBC	6.72 ^H	10 ¹² /L	4.50 - 5.50	Hydrodynamic focusing (DC Detection)
Haemoglobin	14.9	g/dl	13.0 - 17.0	Photometry-SLS
HCT	46.1	%	40.0 - 50.0	Hydrodynamic focusing (HF)
MCV	68.6 ^L	fl	83.0 - 101.0	Calculation
MCH	22.2 ^L	pg	27-32	Calculation
MCHC	32.3	g/dL	31.5 - 34.5	Calculation
Platelet Count	398	10 ³ /uL	150 - 400	HF (DCD)
WBC	7.08	10 ³ /uL	4.00 - 10.00	Flow Cytometry
<u>DIFFERENTIAL COUNT (%)</u>				
Neutrophils	60.0	%	40.0 - 80.0	Flow Cytometry
Lymphocytes	28.0	%	20.0 - 40.0	Flow Cytometry
Monocytes	10.0	%	2.0-10.0	Flow Cytometry
Eosinophils	2.0	%	1 - 6	Flow Cytometry
Basophils	0.0	%	<1-2	Flow Cytometry
<u>DIFFERENTIAL COUNT (ABSOLUTE)</u>				
Neutrophils (Absolute)	4.25	10 ³ /uL	2.00 - 7.00	Calculation
Lymphocytes (Absolute)	1.98	10 ³ /uL	1.00 - 3.00	Calculation
Monocytes (Absolute)	0.71	10 ³ /uL	0.20 - 1.00	Calculation
Eosinophils (Absolute)	0.14	10 ³ /uL	0.02 - 0.50	Calculation
Basophils (Absolute)	0.00 ^L	10 ³ /uL	0.02 - 0.10	Calculation

Remarks:

Differential count done manually. 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.

Sample Type : EDTA WB

These tests are accredited under ISO 15189:2022 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 : 18-04-2025 11:00:00
Authenticated On : 18-04-2025 16:03:33

Received On : 18-04-2025 13:43:00
Released On : 18-04-2025 16:57:49

Pring

Padmapriya Kumaresan
Sr. Technician
DHA-P-2992011

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CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
HbA1c (Glycosylated Hb)	6.63^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

Alanine Aminotransferase (ALT / GPT)	37.90	U/L	10.0 - 50.0	NADH w/ P5P
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Please note Reference Range Reviewed w.ef 15/10/23

Aspartate Aminotransferase(AST / GOT)	25.50	U/L	10 - 50	NADH w/ P5P
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Please note Reference Range Reviewed w.ef 15/10/23

Vitamin B12 (Total)	291.00	pg/mL	197 - 771	ECLIA
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Conversion Formula: (Concentration in pg/mL) x (0.7378) = pmol/L.

The reference range of Vitamin B12 given is that of kit insert.

Recommendation:According to latest guideline normal B12 level >400 pg/ml.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

It is recommended that Vitamin B12 should be tested in fasting state as there may be variation in results for non fasting sample.

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

Remarks:

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

Sample Type : Serum

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**LIPID PROFILE I
CLINICAL BIOCHEMISTRY**

Test Name	Result	Units	Ref. Range	Method
Cholesterol	141.00	mg/dL	Desirable: < 200 Borderline: 200 - 239 High: >or =240	Enzymatic-Cholesterol esterase
Please note Reference Range Reviewed w.ef 15/10/23				
Triglycerides	116.00	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	43.00	mg/dL	Major Risk: < 40	Homogeneous enzymatic-CHER & CHOD
Please note Reference Range Reviewed w.ef 15/10/23				
LDL Cholesterol	82.10	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	15.90	mg/dL	5.0 - 30.0	Calculation
*Cholesterol / HDL	3.28	Ratio	Desirable: < 4.5 Borderline: 4.5 - 6 Undesirable: >6	Calculation

Sample Type : Serum

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

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