



Name : Mr. PARVEEN
 Lab No. : 178975966
 Ref By : SELF
 Collected : 1/8/2024 1:50:00PM
 A/c Status : P
 Collected at : RURAL BAWANI KHERA- CC-HARYANA
 OPP, BABA KAMAL MANDIR, NEAR AASTHA
 HOSP ITAL, BICHLA ROAD, BAWANI KHERA

Age : 28 Years
 Gender : Male
 Reported : 2/8/2024 9:31:12AM
 Report Status : Final
 Processed at : LPL-NATIONAL REFERENCE LAB
 National Reference Laboratory, Block E,
 Sector 18, Rohini, New Delhi -110085

Test Report

Test Name	Results	Units	Bio. Ref. Interval
KIDNEY PANEL; KFT,SERUM			
Creatinine (Modified Jaffe, Kinetic)	10.15	mg/dL	0.70 - 1.30
GFR Estimated (CKD EPI Equation 2021)	6	mL/min/1.73m ²	>59
GFR Category (KDIGO Guideline 2012)	G5		
Urea (Urease UV)	124.30	mg/dL	13.00 - 43.00
Urea Nitrogen Blood (Calculated)	58.05	mg/dL	6.00 - 20.00
BUN/Creatinine Ratio (Calculated)	6		
Uric Acid (Uricase)	6.80	mg/dL	3.50 - 7.20
Total Protein (Biuret)	6.90	g/dL	5.70 - 8.20
Albumin (BCG)	4.00	g/dL	3.20 - 4.80
A : G Ratio (Calculated)	1.38		0.90 - 2.00
Globulin(Calculated)	2.90	gm/dL	2.0 - 3.5
Calcium, Total (Arsenazo III)	2.90	mg/dL	8.70 - 10.40
Phosphorus (Molybdate UV)	8.30	mg/dL	2.40 - 5.10
Sodium (Indirect ISE)	5.10	mEq/L	136.00 - 145.00
Potassium (Indirect ISE)	139.00	mEq/L	3.50 - 5.10
Chloride (Indirect ISE)	4.44	mEq/L	98.00 - 107.00

- Advise
- CKD Risk Map (Z1014)
 - Cystatin C, serum (B173)

Note

- Estimated GFR (eGFR) calculated using the 2021 CKD-EPI creatinine equation and GFR Category reported as per KDIGO guideline 2012.





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Test Name	Results	Units	Bio. Ref. Interval
2.	eGFR category G1 or G2 does not fulfil the criteria for CKD, in the absence of evidence of kidney damage		
3.	The BUN-to-creatinine ratio is used to differentiate prerenal and postrenal azotemia from renal azotemia. Because of considerable variability, it should be used only as a rough guide. Normally, the BUN/creatinine ratio is about 10:1		

DMC - 67327

Dr Anjalika Goyal
MD, Biochemistry
Consultant Biochemist
NRL - Dr Lal PathLabs Ltd

DMC - 89819

Dr Himangshu Mazumdar
MD, Biochemistry
Sr. Consultant Biochemist
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DMC - 9550

Dr Nimmi Kansal
MD, Biochemistry
Technical Director - Clinical Chemistry
& Biochemical Genetics
NRL - Dr Lal PathLabs Ltd

-----End of report-----



IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory.
•Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner/Doctor. •The report does not need physical signature.
(#) Sample drawn from outside source.
If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.
Tel: +91-11-49885050, Fax: +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com
National Reference Lab, Delhi, a CAP (7171001) Accredited, ISO 9001:2015 (FS60411) & ISO 27001:2013 (616691) Certified laboratory.





Name : Mr. PARVEEN
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 HOSP ITAL, BICHLA ROAD, BAWANI KHERA

Age : 28 Years
 Gender : Male
 Reported : 2/8/2024 10:52:05AM
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 Processed at : LPL-NATIONAL REFERENCE LAB
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 Sector 18, Rohini, New Delhi -110035

Test Report

Test Name	Results	Units	Bio. Ref. Interval
COMPLETE BLOOD COUNT;CBC			
Hemoglobin (Photometry)	5.40	g/dL	13.00 - 17.00
Packed Cell Volume (PCV) (Calculated)	15.50	%	40.00 - 50.00
RBC Count (Electrical impedance)	1.71	mill/mm3	4.50 - 5.50
MCV (Electrical impedance)	90.70	fL	83.00 - 101.00
Mentzer Index (Calculated)	53.0		
MCH (Calculated)	31.50	pg	27.00 - 32.00
MCHC (Calculated)	34.80	g/dL	31.50 - 34.50
Red Cell Distribution Width (RDW) (Electrical Impedance)	18.60	%	11.60 - 14.00
Total Leukocyte Count (TLC) (Electrical Impedance)	4.20	thou/mm3	4.00 - 10.00
Differential Leucocyte Count (DLC)			
Segmented Neutrophils (VCS Technology)	64.80	%	40.00 - 80.00
Lymphocytes (VCS Technology)	22.00	%	20.00 - 40.00
Monocytes (VCS Technology)	5.60	%	2.00 - 10.00
Eosinophils (VCS Technology)	7.10	%	1.00 - 6.00
Basophils (VCS Technology)	0.50	%	<2.00
Absolute Leucocyte Count			
Neutrophils (Calculated)	2.72	thou/mm3	2.00 - 7.00
Lymphocytes (Calculated)	0.92	thou/mm3	1.00 - 3.00
Monocytes (Calculated)	0.24	thou/mm3	0.20 - 1.00
Eosinophils (Calculated)	0.30	thou/mm3	0.02 - 0.50





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Test Name	Results	Units	Bio. Ref. Interval
Basophils (Calculated)	0.02	thou/mm ³	0.02 - 0.10
Platelet Count (Electrical impedance)	163	thou/mm ³	150.00 - 410.00
Mean Platelet Volume (Electrical impedance)	7.0	fL	6.5 - 12.0

Comments

Sparsely distributed RBCs.
 anisocytosis ++,
 Dimorphic RBC picture with normocytic normochromic and microcytic hypochromic RBCs.
 Few Macrocytes 1

Advised:

Serum iron studies.
 Serum Vit.B12 and folate levels
 Reticulocyte count.
 Followup and clinical correlation
 Urgent review with Fresh EDTA sample if not correlating clinically.

Comment

In anaemic conditions Mentzer index is used to differentiate Iron Deficiency Anaemia from Beta- Thalassemia trait. If Mentzer Index value is >13, there is probability of Iron Deficiency Anaemia. A value <13 indicates likelihood of Beta- Thalassemia trait and Hb HPLC is advised to rule out the Thalassemia trait.

Note

- As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood
- Test conducted on EDTA whole blood

