Redcliffe labs

Healthy India Ki Trusted Lab

smart Health Report

An Insightful Health Analytics Report for Easier Understanding

Prepared For

www.redcliffelabs.com

Name

Gender

Patient ID

Age

Your Health Summary

Understand Your Health At A Glance
Your Personalized Health Summary is Now Available.

Your Health at a Glance – A Personalized Journey

Report Sections

1. **Body Summary**
   A visual snapshot of your overall health, simple and easy to understand
2. **Quick Health Highlights**
   Your health scores and a single view of all abnormal results for quick attention
3. **Lab Report Overview**
   Understand at a glance which tests are normal and which are abnormal
4. **Comparative Health Insights**
   See what has improved and what needs attention
5. **Personalized Health Advisory**
   Actionable insights and expert guidance tailored just for you
6. **Doctor's Reference Report**
   Complete lab results with interpretations to share with your healthcare provider

How to Read This Report

This comprehensive health report provides detailed insights into your test results. Each section offers different perspectives on your health status, from visual summaries to detailed analysis and personalized recommendations.

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All In Range Borderline Out Of Range

Health Summary

ELECTROLYTES

Everything looks good

ANEMIA STUDIES

Test Name	Result
RBC count	4
Haematocrit	33.9
RDW-CV	14.2

Please Watchout

Note: This section offers a quick snapshot of selected parameters. For all parameters and detailed analysis with clinical interpretation, please refer to the following pages

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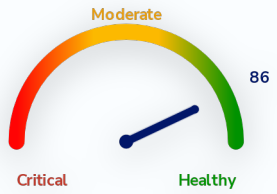
Quick Health Summary

Personal Insights - Health Score

86

Overall, most parameters are within normal ranges, indicating good general health. The Iron profile may affect energy levels, and the Blood Disorder profile could influence overall well-being. Consider maintaining a balanced diet rich in fruits, vegetables, and whole grains, along with regular physical activity such as walking or yoga. Routine check-ups are advisable to stay proactive about your health, and consulting a healthcare professional can provide personalized guidance. Remember, small consistent changes can lead to meaningful improvements in your health and vitality.



Note - Higher scores tentatively indicate better health status

Summary of Key Health Indicators

Total Parameters Tested	Borderline Results	Out Of Range Results
33	6	2

Health Status by Body System

Profile	Total	Borderline	Out of Range	Key Results
Blood Disorder	17	3	1	Abs. Basophil Count **(0.01)** Haemoglobin **(11.1)** Monocytes **(11.5)** MPV **(8.8)**
Iron	4	0	1	Iron **(47)**
Anemia Studies	8	3	0	RBC count **(4)** Haematocrit **(33.9)** RDW-CV **(14.2)**
Infectious Diseases	1	0	0	All In Range
Electrolytes	3	0	0	All In Range

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Report Summary

In Range | Borderline | Out Of Range | No color - Reference range not available

BLOOD DISORDER

Test Name	Result unit	Range
Hemoglobin	**11.1** g/dL	13 - 17
TLC	7.2 10^3/µl	4 - 10
Neutrophils	64.3 %	40 - 80
Lymphocytes	22.5 %	20 - 40
Monocytes	**11.5** %	2 - 10
Eosinophils	1.5 %	1 - 6
Basophils	0.2 %	< 2
Neutrophils.	4.63 10^3/µl	2 - 7
Lymphocytes.	1.62 10^3/µl	1 - 3
Monocytes.	0.83 10^3/µl	0.2 - 1
Eosinophils.	0.11 10^3/µl	0.02 - 0.5
Basophils.	**0.01** 10^3/µl	0.02 - 0.5
Platelet Count	246 10^3/µl	150 - 410
Mean Platelet Volume (MPV)	**8.8** fL	9.3 - 12.1
PDW	12.8 fL	8.3 - 25
P-LCR	23.4 %	18 - 50
P-LCC	58 10^9/L	44 - 140

ANEMIA STUDIES

Test Name	Result unit	Range
RBC Count	**4** 10^6/µl	4.5 - 5.5
PCV	**33.9** %	40 - 50
MCV	84 fl	83 - 101
MCH	27.6 pg	27 - 32
MCHC	32.8 g/dL	31.5 - 34.5
RDW (CV)	**14.2** %	11.6 - 14
RDW-SD	42.1 fl	35.1 - 43.9
Mentzer Index	21 %	

INFECTIOUS DISEASES

Test Name	Result unit	Range
PCT	0.2 %	0.17 - 0.32

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Report Summary

In Range | Borderline | Out Of Range | No color - Reference range not available

IRON

Test Name	Result unit	Range
Iron	**47** µg/dL	65 - 175
TIBC,(Total Iron Binding Capacity)	145 µg/dL	
UIBC	98 µg/dL	69 - 240
Transferrin Saturation	32.41 %	

ELECTROLYTE PROFILE

Test Name	Result unit	Range
Sodium	141 mmol/L	136 - 145
Potassium	4.9 mmol/L	3.5 - 5.1
Chloride	103 mmol/L	98 - 107

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Comparative Health Summary

● In Range ● Borderline ● Out Of Range

Personal Health Score Change

Your health score is **86/100** (13-03-2026)

Summary of Key Improvements / Declines	Outcome
Total parameters improved	3 of 30 parameters tested earlier
• Platelet Count • PCT • UIBC	
New Out of range parameters detected	2 new issues
• Mean Platelet Volume (MPV) • Iron	

Parameter-Wise Comparison

Parameter	Current 13-03-2026	Previous	Range	Value Change	Trend
Hemoglobin	● 11.1	● 11.2 13-01-2026	13.0-17.0 g/dL	-0.1	Still out of range
RBC Count	● 4	● 4 13-01-2026	4.5-5.5 10^6/µl	0	Still out of range
PCV	● 33.9	● 33.8 13-01-2026	40-50 %	+0.1	Still out of range
RDW (CV)	● 14.2	● 15.1 13-01-2026	11.6-14.0 %	-0.9	Still out of range
Monocytes	● 11.5	● 13 13-01-2026	2-10 %	-1.5	Still out of range
Basophils.	● 0.01	● 0 13-01-2026	0.02-0.5 10^3/µl	+0	Still out of range
Platelet Count	● 246	● 138 13-01-2026	150-410 10^3/µl	+108	Improved
Mean Platelet Volume (MPV)	● 8.8	● 10.1 13-01-2026	9.3-12.1 fL	-1.3	Need Attention

Parameter	Current 13-03-2026	Previous	Range	Value Change	Trend
PCT	0.2	0.1 13-01-2026	0.17-0.32 %	+0.1	Improved
Iron	47	127 13-01-2026	65-175 µg/dL	-80	Need Attention
UIBC	98	46 13-01-2026	69-240 µg/dL	+52	Improved

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Health Advisory

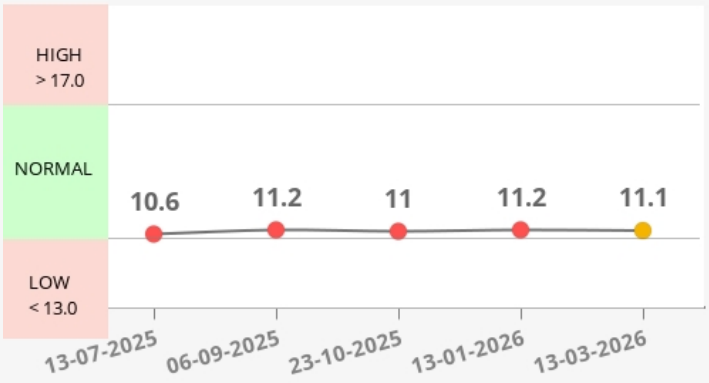
In Range Borderline (BL) Out Of Range

Blood Disorder

Blood disorders affect one or more components of blood such as red blood cells, white blood cells, platelets, or plasma. These tests help in diagnosing conditions like anemia, clotting disorders, infections, and other hematological abnormalities.

Hemoglobin: 11.1 g/dL

BORDERLINE

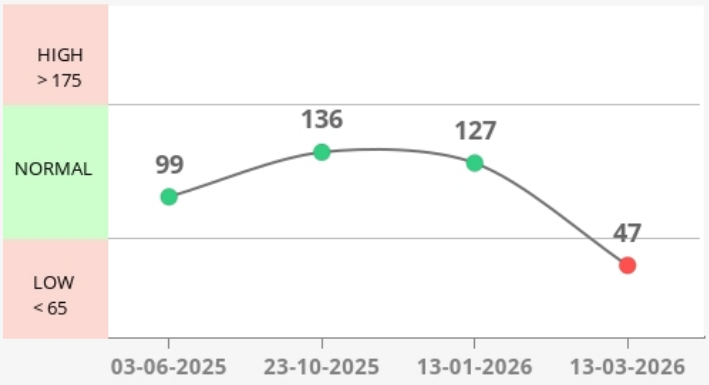


Iron

Iron is an essential mineral that helps in the formation of hemoglobin, which carries oxygen in the blood. Iron tests are performed to evaluate iron deficiency, anemia, and conditions related to iron overload.

Iron: 47 µg/dL

● OUT OF RANGE



LABORATORY REPORT

Redcliffe labs

Patient NAME	
DOB/Age/Gender	Report STATUS
Patient ID / UHID	Barcode NO
Referred BY	Sample Type
Sample Collected	Report Date

Low Energy Screening

Complete Blood Count (CBC)

Test Description	Value(s)	Unit(s)	Reference Range
RBC Parameters			
Hemoglobin *Spectrophotometry*	**11.1 L***	g/dL	13.0 - 17.0
RBC Count *Electrical impedance*	**4 L***	10^6/µl	4.5 - 5.5
PCV *Calculated*	**33.9 L***	%	40 - 50
MCV *Numerical Integration*	84	fl	83 - 101
MCH *Calculated*	27.6	pg	27 - 32
MCHC *Calculated*	32.8	g/dL	31.5 - 34.5
RDW (CV) *Calculated*	**14.2 H***	%	11.6 - 14.0
RDW-SD *Calculated*	42.1	fl	35.1 - 43.9
WBC Parameters			
TLC *Electrical Impedance (Leishman Stain & Microscopy)*	7.2	10^3/µl	4 - 10
Differential Leucocyte Count			
Neutrophils *Flow Cytometry (Leishman Stain & Microscopy)*	64.3	%	40-80
Lymphocytes *Flow Cytometry (Leishman Stain & Microscopy)*	22.5	%	20-40
Monocytes *Flow Cytometry (Leishman Stain & Microscopy)*	**11.5 H***	%	2-10
Eosinophils *Flow Cytometry (Leishman Stain & Microscopy)*	1.5	%	1-6
Basophils *Electrical Impedance (Leishman stain & Microscopy)*	0.2	%	<2
Absolute Leukocyte Counts ***Calculated***			
Neutrophils.	4.63	10^3/µl	2 - 7
Lymphocytes. *Calculated*	1.62	10^3/µl	1 - 3
Monocytes. *Calculated*	0.83	10^3/µl	0.2 - 1.0
Eosinophils. *Calculated*	0.11	10^3/µl	0.02 - 0.5
Basophils.	**0.01 L***	10^3/µl	0.02 - 0.5

Note :- (H* - High , L* - Low ,CL* - Critical Low,CH* - Critical High)

Dr. Bansal Noopur KalyanPrasad
Consultant Pathologist
Reg No. 162022

Patient NAME			
DOB/Age/Gender		Report STATUS :	
Patient ID / UHID		Barcode NO :	
Referred BY		Sample Type :	
Sample Collected		Report Date :	

Test Description	Value(s)	Unit(s)	Reference Range
Calculated			
Platelet Parameters			
Platelet Count *Electrical Impedance (Leishman Stain & Microscopy)*	246	10^3/µl	150 - 410
Mean Platelet Volume (MPV) *Calculated*	**8.8 L***	fL	9.3 - 12.1
PCT *Calculated*	0.2	%	0.17 - 0.32
PDW *Calculated*	12.8	fL	8.3 - 25.0
P-LCR *Calculated*	23.4	%	18 - 50
P-LCC *Calculated*	58	10^9/L	44 - 140
Mentzer Index *Calculated*	21	%	-

Interpretation:
CBC provides information about red cells, white cells and platelets. Results are useful in the diagnosis of anemia, infections, leukemias, clotting disorders and many other medical conditions.

Note :- (H* - High , L* - Low ,CL* - Critical Low,CH* - Critical High)

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Patient NAME	:		
DOB/Age/Gender	:	Report STATUS	:
Patient ID / UHID	:	Barcode NO	:
Referred BY	:	Sample Type	:
Sample Collected	:	Report Date	:

Test Description	Value(s)	Unit(s)	Reference Range
Iron Studies			
Iron *Ferrozine*	**47 L***	µg/dL	65 - 175
TIBC,(Total Iron Binding Capacity)	145		
UIBC *Ferrozine*	98	µg/dL	69 - 240
Transferrin Saturation	32.41		

Interpretation:
Increased levels due to iron ingestion or ineffective erythropoiesis.Decreased levels due to infection, inflammation, malignancy, menstruation and Fe deficiency.Needs to be taken into consideration with TIBC. Transferrin Saturation:- Low level Transferrin Saturation can indicate iron deficiency, erythropoiesis, infection, or inflammation. High level Transferrin Saturation can indicate recent ingestion of dietary iron,ineffective erythropoiesis,haemochromatosis or liver disease.High TIBC, UIBC, or transferrin usually indicates iron deficiency, but they are also increased in pregnancy and with the use of oral contraceptives. Low TIBC, UIBC, or transferrin may occur if someone has:Hemochromatosis, Certain types of anemia due to accumulated iron,Malnutrition,kidney disease that causes a loss of protein in urine.

Note :- (H* - High , L* - Low ,CL* - Critical Low,CH* - Critical High)

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Patient NAME	
DOB/Age/Gender	Report STATUS
Patient ID / UHID	Barcode NO
Referred BY	Sample Type
Sample Collected	Report Date

Test Description	Value(s)	Unit(s)	Reference Range
Electrolytes (Na/K/Cl)			
Sodium *Ion selective Electrode-Indirect.*	141	mmol/L	136 - 145
Potassium *Ion selective Electrode-Indirect.*	4.9	mmol/L	3.5 - 5.1
Chloride *Potentiometric*	103	mmol/L	98 - 107

Interpretation:
An electrolyte panel, which typically includes measurements of sodium (Na), potassium (K), and chloride (Cl) levels, is a common blood test that provides information about your body's electrolyte balance.

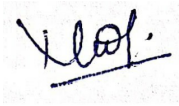
1. Sodium (Na):
1. Sodium is crucial in maintaining fluid balance in your body and is essential for nerve function and muscle contraction.
2. High sodium levels (hypernatremia) or low sodium levels (hyponatremia) can indicate various health conditions, including dehydration, kidney problems, or hormonal imbalances.

2. Potassium (K):
1. Potassium is vital for proper muscle function, including the heart muscle and nerve function, as well as maintaining fluid and electrolyte balance.
2. Abnormal potassium levels (hyperkalemia or hypokalemia) can indicate kidney dysfunction, dehydration, certain medications, or other underlying health issues.

3. Chloride (Cl):
1. Chloride works closely with sodium and potassium to maintain fluid balance and proper pH levels in the body.
2. Abnormal chloride levels may occur alongside imbalances in sodium and potassium and can indicate dehydration, kidney problems, respiratory issues, or metabolic disorders.

Healthcare providers typically order an electrolyte panel to evaluate and monitor electrolyte imbalances, diagnose certain medical conditions, assess kidney function, or monitor treatment effectiveness. It's usually part of routine blood testing, especially in cases of dehydration, kidney disease, heart conditions, or electrolyte disorders.

*** End Of Report ***



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