

# LABORATORY REPORT



Patient Name	: Mr. Ramul, Adinwal	Sample Collected	: Jul 13, 2024, 10:18 AM
Referring Center	: KCH, Noida	Report Date	: Jul 13, 2024, 01:23 PM
Patient ID / UIC	: 18000000000000000000	Request No	: HY98765
Referring By	: Self	Report Status	: Final Report
Sample Type	: Whole blood (EDTA)		

Test Description: Complete Blood Count (CBC)

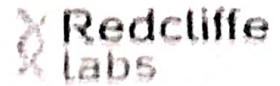
Test Description	Result	Units	Reference Range
<b>Complete Blood Count (CBC)</b>			
<b>RBC Parameters</b>			
Hemoglobin	13.1	g/dL	13.0 - 17.0
Hematocrit	41.5	%	45 - 55
RBC Count	4.5	10 <sup>12</sup> /L	4.0 - 5.0
Mean Corpuscular Volume (MCV)	92.2	fL	83 - 101
MCV - Calculated	92.2	fL	83 - 101
RDW	11.5	%	11.5 - 14.0
RDW - Calculated	11.5	%	11.5 - 14.0
RDW-CV	12.5	%	11.5 - 14.0
RDW-CV - Calculated	12.5	%	11.5 - 14.0
RDW-SD	4.0	fL	3.5 - 4.9
RDW-SD - Calculated	4.0	fL	3.5 - 4.9
<b>WBC Parameters</b>			
WBC	10.5	10 <sup>9</sup> /L	4 - 10
<b>Differential Leukocyte Count</b>			
Neutrophils	75	%	40 - 80
Lymphocytes	20	%	20 - 40
Monocytes	5	%	2 - 10
Eosinophils	1	%	1 - 5
Basophils	1	%	0 - 2
<b>Absolute Leukocyte Counts</b>			
Neutrophils	7.875	10 <sup>9</sup> /L	1 - 3
Lymphocytes	2.100	10 <sup>9</sup> /L	0.2 - 1.0
Monocytes	0.525	10 <sup>9</sup> /L	0.02 - 0.5
Eosinophils	0.105	10 <sup>9</sup> /L	0.02 - 0.5
Basophils	0.105	10 <sup>9</sup> /L	0.02 - 0.5
<b>Platelet Parameters</b>			
Platelet Count	150	10 <sup>9</sup> /L	150 - 410
<b>Platelet Parameters</b>			
Platelet Count	150	10 <sup>9</sup> /L	150 - 410

*[Signature]*  
 Dr. Ramul Adinwal  
 MD Pathology  
 Consultant Pathologist

Docking Center - Home Collection  
 Pathology Lab - Redcliffe Laboratory Pvt. Ltd. - Sector 14, Gurgaon, Haryana, India - 122002



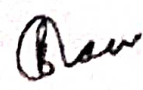
# LABORATORY REPORT



**Patient Name** : Mr Rahul Jaiswal  
**DOB/Age/Gender** : 42 Y/Male  
**Patient ID / UHID** : 8935595/RCL8313009  
**Referred By** : Self  
**Sample Type** : Whole blood EDTA  
**Sample Collected** : Jul 13, 2024, 10:18 AM  
**Report Date** : Jul 13, 2024, 01:23 PM  
**Barcode No** : HY966117  
**Report Status** : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
Mean Platelet Volume (MPV) <i>Calculated</i>	12	fL	9.3 - 12.1
PCT <i>Calculated</i>	0.1	%	0.17 - 0.32
PDW <i>Calculated</i>	16.6	fL	8.3 - 25.0
P-LCR <i>Calculated</i>	41	%	18 - 50
P-LCC <i>Calculated</i>	37	%	44 - 140
Mentzer Index <i>Calculated</i>	34.75	%	> 13
Comment	RESULT RECHECKED, KINDLY CORRELATE CLINICALLY.		

**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.

  
 Dr. Ravi Rani Mishra  
 MD Pathology  
 Consultant Pathologist

Booking Centre :- Home Collection  
 Processing Lab :- Redcliffe Lifetech Pvt Ltd, 33/29 Lowther Road, George Town, Prayagraj, UP - 211002




# LABORATORY REPORT

Patient Name	: Mr Rahul Jaiswal	Sample Collected	: Jul 13, 2024, 10:18 AM
DOB/Age/Gender	: 42 Y/Male	Report Date	: Jul 13, 2024, 04:03 PM
Patient ID / UHD	: 8935595/RCLB313009	Barcode No	: HY968117
Referred By	: Self	Report Status	: Final Report
Sample Type	: Whole Blood EDTA		

Test Description	Value(s)	Unit(s)	Reference Range
<b>Erythrocyte Sedimentation Rate (ESR)</b>			
ESR - Erythrocyte Sedimentation Rate <i>Modified Westergren</i>	65	mm/hr	0 - 10

**Interpretation:**  
 ESR is also known as Erythrocyte Sedimentation Rate. An ESR test is used to assess inflammation in the body. Many conditions can cause an abnormal ESR, an ESR test is typically used with other tests to diagnose and monitor different diseases. An elevated ESR may occur in inflammatory conditions including infection, rheumatoid arthritis, systemic vasculitis, anemia, multiple myeloma, etc. Low levels are typically seen in congestive heart failure, polycythemia, sickle cell anemia, hypofibrinogenemia, etc.

**Reference:** Dacie and Lewis practical hematology

  
 Dr. Shalini Mishra  
 MD Pathology  
 Consultant Pathologist



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 Processing Lab -> Redcliffe Lifetech Pvt Ltd, 11/29 Lowther Road, George Town, Prayagraj, UP - 211002

# LABORATORY REPORT

**Patient Name** : Mr Rahul Jaiswal  
**DOB/Age/Gender** : 42 Y/Male  
**Patient ID / UHID** : 8935595/RCL8313009  
**Referred By** : Self  
**Sample Type** : Serum  
**Sample Collected** : Jul 13, 2024, 10:18 AM  
**Report Date** : Jul 13, 2024, 12:45 PM  
**Barcode No** : ZD559716  
**Report Status** : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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## Liver Function Test (LFT)

Bilirubin Total <i>Colorimetric Diazo</i>	0.4	mg/dL	0 - 1.2
Bilirubin Direct	0.1	mg/dL	0 - 0.5
Bilirubin Indirect <i>Calculation (T Bil - D Bil)</i>	0.3	mg/dL	0.1 - 1.0
SGOT/AST <i>IFCC without P5P</i>	12.2	U/L	up to 40
SGPT/ALT <i>IFCC without P5P</i>	8.2	U/L	up to 41
SGOT/SGPT Ratio	1.49	-	-
Alkaline Phosphatase <i>IFCC</i>	99	U/L	40 - 129
Total Protein <i>Biuret</i>	6.7	g/dL	6.0 - 7.8
Albumin <i>Colorimetric</i>	4.3	g/dL	3.5 - 5.2
Globulin <i>Calculation (T.P - Albumin)</i>	2.4	g/dL	2.3 - 3.5
Albumin :Globulin Ratio <i>Calculation (Albumin/Globulin)</i>	1.79	-	1.0 - 2.1
Gamma Glutamyl Transferase (GGT) <i>ENZYMATIC</i>	13	U/L	5 - 40


### Interpretation:

The liver filters and processes blood as it circulates through the body. It metabolizes nutrients, detoxifies harmful substances, makes blood clotting proteins, and performs many other vital functions. The cells in the liver contain proteins called enzymes that drive these chemical reactions. When liver cells are damaged or destroyed, the enzymes in the cells leak out into the blood, where they can be measured by blood tests. Liver tests check the blood for two main liver enzymes: Aspartate aminotransferase (AST), SGOT. The AST enzyme is also found in muscles and many other tissues besides the liver. Alanine aminotransferase (ALT), SGPT. ALT is almost exclusively found in the liver. If ALT and AST are found together in elevated amounts in the blood, liver damage is most likely present. Alkaline Phosphatase and GGT: Another of the liver's key functions is the production of bile, which helps digest fat. Bile flows through the liver in a system of small tubes (ducts), and is eventually stored in the gallbladder, under the liver. When bile flow is slow or blocked, blood levels of certain liver enzymes rise: Alkaline phosphatase Gamma-utanyl transpeptidase (GGT) Liver tests may check for any or all of these enzymes in the blood. Alkaline phosphatase is by far the most commonly tested of the three. If alkaline phosphatase and GGT are elevated, a problem with bile flow is most likely present. Bile flow problems can be due to a problem in the liver, the gallbladder, or the tubes connecting them. Proteins are important building blocks of all cells and tissues. Proteins are necessary for your body's growth, development, and health. Blood contains two classes of protein, albumin and globulin. Albumin proteins keep fluid from leaking out of blood vessels. Globulin proteins play an important role in your immune system. Low total protein may

### Indicate:

1. Bleeding
2. Liver disorder
3. Malnutrition
4. Agammaglobulinemia

High Protein levels 'Hyperproteinemia: May be seen in dehydration due to inadequate water intake or to excessive water loss (eg, severe vomiting, diarrhea, Addison's disease and diabetic acidosis) or as a result of increased production of proteins Low albumin levels may be

  
 Dr. Ravi Rani Mishra  
 MD Pathology  
 Consultant Pathologist

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898-898-0606

care@redcliffelabs.com

www.redcliffelabs.com

All Lab results are subject to clinical interpretation by qualified medical professional and this report is not subject to use for any medico-legal purpose

# LABORATORY REPORT

Patient Name : Mr Rahul Jaiswal

DOB/Age/Gender : 42 Y/Male

Patient ID / UHID : 8935595/RCL8313009

Referred By : Self

Sample Type : Serum

Sample Collected : Jul 13, 2024, 10:18 AM

Report Date : Jul 13, 2024, 12:45 PM

Barcode No : ZD559716

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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**Caused by:**


1. A poor diet (malnutrition).
2. Kidney disease.
3. Liver disease. High albumin levels may be caused by: Severe dehydration.



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888-888-0808

 [card@redcliffelabs.com](mailto:card@redcliffelabs.com)

 [www.redcliffelabs.com](http://www.redcliffelabs.com)

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# LABORATORY REPORT

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**DOB/Age/Gender** : 42 Y/Male  
**Patient ID / UHID** : 8935595/RCL8313009  
**Referred By** : Self  
**Sample Type** : Serum  
**Sample Collected** : Jul 13, 2024, 10:18 AM  
**Report Date** : Jul 13, 2024, 02:25 PM.  
**Barcode No** : ZD559716  
**Report Status** : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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## Kidney Function Test (KFT)

Blood Urea <i>Urease</i>	147.5	mg/dL	16.6 - 48.5
Bun <i>Urease</i>	68.93	mg/dL	6 - 20
Creatinine <i>Jaffe</i>	9.5	mg/dL	0.70 - 1.20
Bun/Creatinine Ratio <i>Calculated</i>	7.26		12 - 20
Urea / Creatinine Ratio <i>Calculated</i>	15.53		25.68- 42.8
Uric Acid <i>Enzymatic colorimetric</i>	5.5	mg/dL	3.4 - 7.0
Calcium Serum <i>BAPTA</i>	7.6	mg/dL	8.6 - 10.0
Phosphorus <i>Molybdate UV</i>	4.5	mg/dL	2.5 - 4.5
Sodium <i>ISE-Indirect</i>	138	mmol/L	136 - 145
Potassium <i>ISE-Indirect</i>	5.9	mmol/L	3.5 - 5.1
Chloride <i>ISE-Indirect</i>	97.2	mmol/L	98 - 107

**RESULT RECHECKED, KINDLY CORRELATE CLINICALLY.**

**Interpretation:**  
 Kidney function tests is a collective term for a variety of individual tests and procedures that can be done to evaluate how well the kidneys are functioning. Many conditions can affect the ability of the kidneys to carry out their vital functions. Some lead to a rapid (acute) decline in kidney function others lead to a gradual (chronic) decline in function. Both result in a buildup of toxic waste substances done on urine samples, as well as on blood samples. A number of symptoms may indicate a problem with your kidneys. These include: high blood pressure, blood in urine, frequent urges to urinate, difficulty beginning urination, painful urination, swelling in the hands and feet due to a buildup of fluids in the body. A single symptom may not mean something serious. However, when occurring simultaneously, these symptoms suggest that your kidneys are not working properly. Kidney function tests can help determine the reason. Electrolytes (sodium, potassium, and chloride) are present in the human body and the balancing act of the electrolytes in our bodies is essential for normal function of our cells and organs. There has to be a balance. Ionized calcium this test if you have signs of kidney or parathyroid disease. The test may also be done to monitor progress and treatment of these diseases.

\*\*\* End Of Report \*\*\*



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