Redcliffe labs

Healthy India Ki Trusted Lab

smart Health Report

An Insightful Health Analytics Report for Easier Understanding

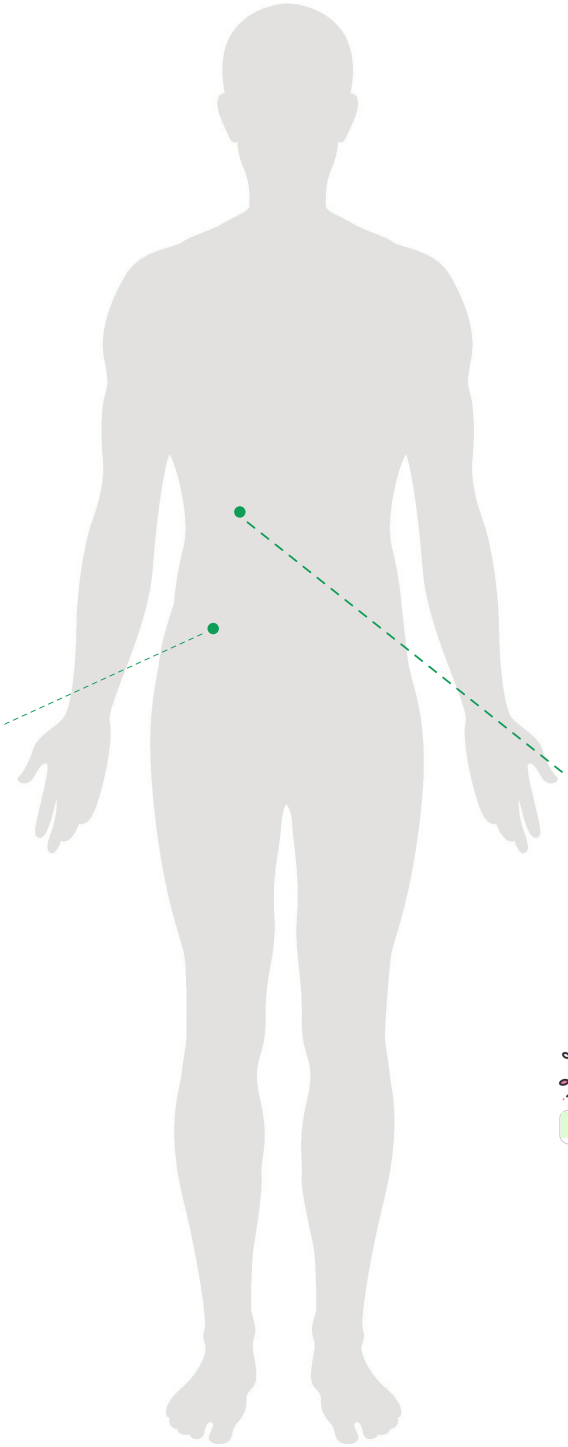
Prepared For

Mr MR.DUMMY

M 23

Name	Patient ID	Gender	Age
Mr MR.DUMMY	8052669	M	23

Health Summary



BLOOD COUNTS

Everything looks good

KIDNEY PROFILE

Everything looks good

LIVER PROFILE

Everything looks good

ANEMIA STUDIES

Everything looks good

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

Redcliffe labs

Patient Name	: **Mr MR.DUMMY**		
DOB/Age/Gender	: 23 Y/Male	Sample Collected	: Apr 26, 2024, 01:00 PM
Patient ID / UHID	: 8052669/RCL7249299	Report Date	: May 04, 2024, 01:08 PM
Referred By	: Dr. Dr. X	Barcode No	: HY566539
Sample Type	: Whole blood EDTA	Report Status	: Final Report

Prime Full body Check-up

Complete Blood Count (CBC)

Test Description	Value(s)	Unit(s)	Reference Range
RBC Parameters			
Hemoglobin *Spectrophotometry*	14.5	g/dL	13.0 - 17.0
RBC Count *Electrical impedance*	4.7	10^6/µl	4.5 - 5.5
PCV *Calculated*	43.0	%	40 - 50
MCV *Calculated*	86.0	fl	83 - 101
MCH *Calculated*	29.0	pg	27 - 32
MCHC *Calculated*	32.0	g/dL	31.5 - 34.5
RDW (CV) *Calculated*	12.0	%	11.6 - 14.0
RDW-SD *Calculated*	36.5	fl	35.1 - 43.9
WBC Parameters			
TLC *Electrical impedance and microscopy*	5.4	10^3/µl	4 - 10
Differential Leucocyte Count			
Neutrophils *Flow-cytometry DHSS*	56	%	40-80
Lymphocytes *Flow-cytometry DHSS*	32	%	20-40
Monocytes *Flow-cytometry DHSS*	8	%	2-10
Eosinophils *Flow-cytometry DHSS*	4	%	1-6
Basophils *Flow-cytometry DHSS*	0	%	<2
Absolute Leukocyte Counts ***Calculated***			
Neutrophils.	3.02	10^3/µl	2 - 7
Lymphocytes. *Calculated*	1.73	10^3/µl	1 - 3
Monocytes. *Calculated*	0.43	10^3/µl	0.2 - 1.0
Eosinophils. *Calculated*	0.22	10^3/µl	0.02 - 0.5
Basophils.	**0**	10^3/µl	0.02 - 0.5

Dr. Dummy

Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
Processing Lab :-

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Sample Type	: Whole blood EDTA	Report Status	: Final Report

Test Description	Value(s)	Unit(s)	Reference Range
Calculated			
Platelet Parameters			
Platelet Count *Electrical impedance and microscopy*	189.0	10^3/µl	150 - 410
Mean Platelet Volume (MPV) *Calculated*	10.0	fL	9.3 - 12.1
PCT *Calculated*	0.20	%	0.17 - 0.32
PDW *Calculated*	9.0	fL	8.3 - 25.0
P-LCR *Calculated*	19.2	%	18 - 50
P-LCC *Calculated*	45.0	%	44 - 140
Mentzer Index *Calculated*	18.3	%	> 13

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.

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DOB/Age/Gender	: 23 Y/Male	Sample Collected	: Apr 26, 2024, 01:00 PM
Patient ID / UHID	: 8052669/RCL7249299	Report Date	: May 04, 2024, 01:12 PM
Referred By	: Dr. Dr. X	Barcode No	: HY566539
Sample Type	: Whole blood EDTA	Report Status	: Final Report

Test Description	Value(s)	Unit(s)	Reference Range

Erythrocyte Sedimentation Rate (ESR)

ESR - Erythrocyte Sedimentation Rate *MODIFIED WESTERGREN*	8	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, so 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, hypo fibrinogenemia , etc.

AGE	MALE	FEMALE
1 DAY	0-2	0-2
2 - 7 DAYS	0-4	0-4
8 - 14 DAYS	0-17	0-17
15 DAYS - 17 YEARS	0-20	0-20
18 - 50 YEARS	0-10	0-12
51- 60 YEARS	0-12	0-19
61 - 70 YEARS	0-14	0-20
71 - 100 YEARS	0-30	0-35

Reference- Dacie and lewis practical hematology

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Patient Name	: **Mr MR.DUMMY**		
DOB/Age/Gender	: 23 Y/Male	Sample Collected	: Apr 26, 2024, 01:00 PM
Patient ID / UHID	: 8052669/RCL7249299	Report Date	: May 04, 2024, 12:27 PM
Referred By	: Dr. Dr. X	Barcode No	: ZC617031
Sample Type	: Serum	Report Status	: Final Report

Liver Function Test (LFT)

Test Description	Value(s)	Unit(s)	Reference Range
Bilirubin Total *Diazonium Salt*	0.98	mg/dL	0.2 - 1.2
Bilirubin Direct *Diazo Reaction*	0.50	mg/dL	0.0 - 0.5
Bilirubin Indirect *Calculation (T Bil - D Bil)*	0.48	mg/dL	0.1 - 1.0
SGOT/AST *NADH (without P-5-P)*	32.0	U/L	11 - 34
SGPT/ALT *NADH (without P-5-P)*	42.0	U/L	< 45
SGOT/SGPT Ratio	0.76	%	-
Alkaline Phosphatase *Para-nitrophenyl phosphate (p-NPP)*	106.0	U/L	50 – 116
Total Protein *Biuret*	8.2	g/dL	6.4 - 8.3
Albumin *Colorimetric BCG*	5.1	g/dL	3.5 - 5.2
Globulin *Calculation (T.P - Albumin)*	3.1	g/dL	2.3 - 3.5
Albumin :Globulin Ratio *Calculation (Albumin/Globulin)*	1.65	-	1.3 - 2.1
Gamma Glutamyl Transferase (GGT) *L-gamma-glutamyl-3-carboxy-4-nitroanilide substra*	45.0	U/L	< 55

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-utamyl 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

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Referred By	: Dr. Dr. X	Barcode No	: ZC617031
Sample Type	: Serum	Report Status	: Final Report

Test Description	Value(s)	Unit(s)	Reference Range

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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Referred By	: Dr. Dr. X	Barcode No	: ZC617031
Sample Type	: Serum	Report Status	: Final Report

Kidney Function Test (KFT)

Test Description	Value(s)	Unit(s)	Reference Range
Blood Urea *Urease*	40.0	mg/dL	19 - 44.1
Creatinine *Kinetic Alkaline Picrate*	1.12	mg/dL	0.6 - 1.2
Bun *Calculated*	18.69	mg/dL	8.9 - 20.6
Bun/Creatinine Ratio *Calculated*	16.69		
Urea / Creatinine Ratio	35.71		
Uric Acid *Uricase*	7.2	mg/dL	3.7 - 7.7
Calcium Serum *Arsenazo III*	10.1	mg/dL	8.4 - 10.2
Phosphorus *Phosphomolybdate*	4.5	mg/dL	2.3 - 4.7
Sodium *ISE-Indirect*	142.0	mmol/L	136 - 145
Potassium *ISE-Indirect*	4.98	mmol/L	3.5 - 5.1
Chloride *ISE-Indirect*	106.5	mmol/L	98 - 107

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 functionothers lead to a gradual (chronic) decline in function. Both result in a buildup of toxic waste subst 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.

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Patient ID / UHID	: 8052669/RCL7249299	Report Date	: May 04, 2024, 12:41 PM
Referred By	: Dr. Dr. X	Barcode No	: YA594353
Sample Type	: Spot Urine	Report Status	: Final Report

Urine Routine and Microscopic Examination

Test Description	Value(s)	Unit(s)	Reference Range
Physical Examination			
Volume	20	ml	-
Colour	Pale yellow	-	Pale yellow
Transparency	Clear	-	Clear
Deposit	Absent	-	Absent
Chemical Examination			
Reaction (pH) *Double Indicator*	6.0	-	4.5 - 8.0
Specific Gravity *Ion Exchange*	1.015	-	1.010 - 1.030
Urine Glucose (sugar) *Oxidase / Peroxidase*	Negative	-	Negative
Urine Protein (Albumin) *Acid / Base Colour Excahnge*	Negative	-	Negative
Urine Ketones (Acetone) *Legals Test*	Negative	-	Negative
Blood *Peroxidase Hemoglobin*	Negative	-	Negative
Leucocyte esterase *Enzymatic Reaction*	Negative	-	Negative
Bilirubin Urine *Coupling Reaction*	Negative	-	Negative
Nitrite *Griless Test*	Negative	-	Negative
Urobilinogen *Ehrlichs Test*	Normal	-	Normal
Microscopic Examination			
Pus Cells (WBCs)	1-2	/hpf	0 - 5
Epithelial Cells	1-2	/hpf	0 - 4
Red blood Cells	Absent	/hpf	Absent
Crystals	Absent	-	Absent
Cast	Absent	-	Absent
Yeast Cells	Absent	-	Absent
Amorphous deposits	Absent	-	Absent
Bacteria	Absent	-	Absent
Protozoa	Absent	-	Absent

*** End Of Report ***

Disclaimer: Method given in report are only indicative and can be changed depending upon type of machine and kit available at time of testing.

Not all tests at all locations are under NABL scope. Availability of tests under NABL scope varies from lab to lab.

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Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
Processing Lab :-

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2. It is to be presumed that the tests performed pertain to the specimen/sample attributed to the Customer's name or identification. It is presumed that the verification particulars have been cleared out by the customer or his/her representation at the point of generation of said specimen / sample. It is hereby clarified that the reports furnished are restricted solely to the given specimen only.

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4. This report shall not be deemed valid or admissible for any medico-legal purposes.

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