

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	8053228	M	23

Health Summary



BLOOD COUNTS

Everything looks good



THYROID PROFILE

Everything looks good



LIPID PROFILE

Everything looks good



KIDNEY PROFILE

Everything looks good



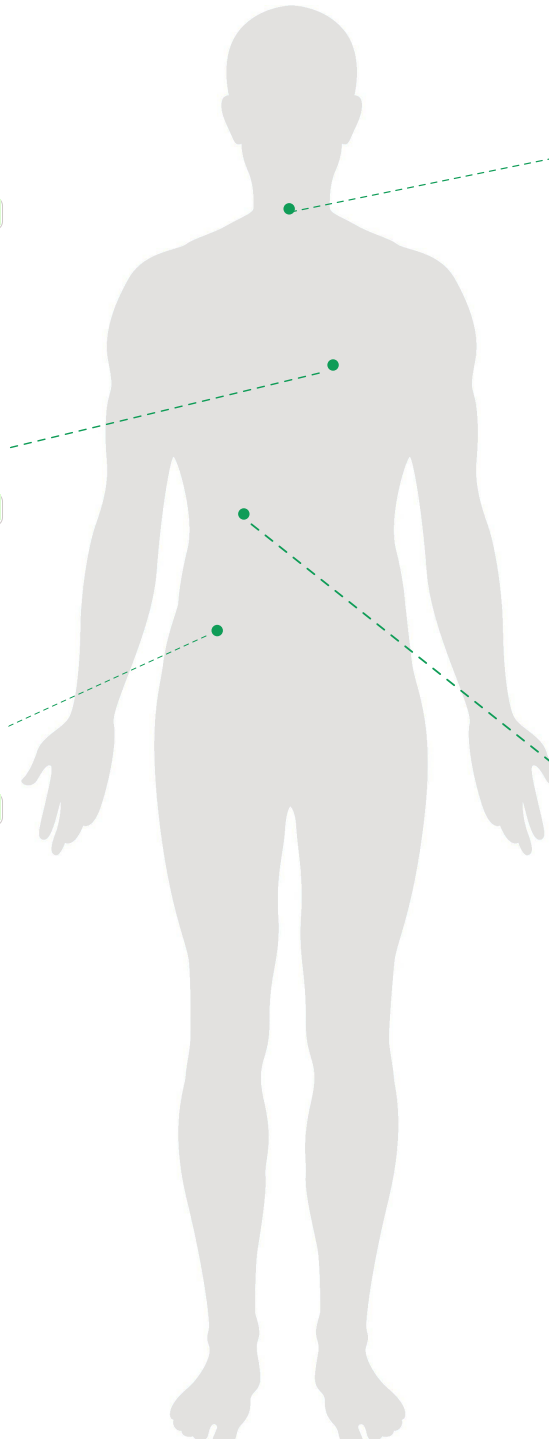
LIVER PROFILE

Everything looks good



ANEMIA STUDIES

Everything looks good



Patient Name	: Mr MR.DUMMY		
DOB/Age/Gender	: 23 Y/Male	Sample Collected	: Apr 26, 2024, 01:00 PM
Patient ID / UHID	: 8053228/RCL7249725	Report Date	: May 25, 2024, 04:42 PM.
Referred By	: Dr. Dr. X	Barcode No	: HY585705
Sample Type	: Whole blood EDTA	Report Status	: Final Report
Test Description	Value(s)	Unit(s)	Reference Range

Supersaver Vital Care Pack for 2

Complete Blood Count (CBC)

RBC Parameters			
Hemoglobin <i>Spectrophotometry</i>	17.0	g/dL	13.0 - 17.0
RBC Count <i>Electrical impedance</i>	5.5	10 ⁶ /μl	4.5 - 5.5
PCV <i>Calculated</i>	50	%	40 - 50
MCV <i>Calculated</i>	101	fl	83 - 101
MCH <i>Calculated</i>	32	pg	27 - 32
MCHC <i>Calculated</i>	34.5	g/dL	31.5 - 34.5
RDW (CV) <i>Calculated</i>	14.0	%	11.6 - 14.0
RDW-SD <i>Calculated</i>	43.9	fl	35.1 - 43.9
WBC Parameters			
TLC <i>Electrical impedance and microscopy</i>	10	10 ³ /μl	4 - 10
Differential Leucocyte Count			
Neutrophils <i>Flow-cytometry DHSS</i>	60	%	40-80
Lymphocytes <i>Flow-cytometry DHSS</i>	30	%	20-40
Monocytes <i>Flow-cytometry DHSS</i>	4	%	2-10
Eosinophils <i>Flow-cytometry DHSS</i>	6	%	1-6
Basophils <i>Flow-cytometry DHSS</i>	0	%	<2
Absolute Leukocyte Counts <i>Calculated</i>			
Neutrophils.	6	10 ³ /μl	2 - 7
Lymphocytes. <i>Calculated</i>	3	10 ³ /μl	1 - 3
Monocytes. <i>Calculated</i>	0.4	10 ³ /μl	0.2 - 1.0
Eosinophils. <i>Calculated</i>	0.6	10 ³ /μl	0.02 - 0.5
Basophils.	0	10 ³ /μl	0.02 - 0.5



Dr. Dummy



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Processing Lab :-

📞 928-909-0609

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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.

Patient Name : Mr MR.DUMMY			
DOB/Age/Gender : 23 Y/Male		Sample Collected : Apr 26, 2024, 01:00 PM	
Patient ID / UHID : 8053228/RCL7249725		Report Date : May 25, 2024, 04:42 PM.	
Referred By : Dr. Dr. X		Barcode No : HY585705	
Sample Type : Whole blood EDTA		Report Status : Final Report	
Test Description	Value(s)	Unit(s)	Reference Range
Calculated			
Platelet Parameters			
Platelet Count <i>Electrical impedance and microscopy</i>	410	10 ³ /μl	150 - 410
Mean Platelet Volume (MPV) <i>Calculated</i>	12.1	fL	9.3 - 12.1
PCT <i>Calculated</i>	0.32	%	0.17 - 0.32
PDW <i>Calculated</i>	25	fL	8.3 - 25.0
P-LCR <i>Calculated</i>	50	%	18 - 50
P-LCC <i>Calculated</i>	140	%	44 - 140
Mentzer Index <i>Calculated</i>	18.36	%	> 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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Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8053228/RCL7249725

Referred By : Dr. Dr. X

Sample Type : Whole blood EDTA

Sample Collected : Apr 26, 2024, 01:00 PM

Report Date : May 25, 2024, 04:43 PM.

Barcode No : HY585705

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Erythrocyte Sedimentation Rate (ESR)

ESR - Erythrocyte Sedimentation Rate MODIFIED WESTERGREN	6	mm/hr	0 - 10
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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**Dr. Dummy**Booking Centre :- DEMO PARTNER CHENNAI, DEMO PARTNER CHENNAI
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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	: 8053228/RCL7249725	Report Date	: May 08, 2024, 11:46 AM.
Referred By	: Dr. Dr. X	Barcode No	: ZC664055
Sample Type	: Fluoride Plasma	Report Status	: Final Report
Test Description	Value(s)	Unit(s)	Reference Range

Glucose Random (BSR)

Glucose Random <i>Hexokinase</i>	115.0	mg/dL	Normal <140 Prediabetes 140–199 Diabetes =>200
Interpretation: 1.Also known as Casual plasma glucose . 2.Samples can be taken anytime during the day regardless of eating time. 3.Random blood glucose level of equal to or more than 200mg/dl is indicative of Diabetes mellitus. Source: ADA Guidelines			

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Patient Name : Mr MR.DUMMY
DOB/Age/Gender : 23 Y/Male
Patient ID / UHID : 8053228/RCL7249725
Referred By : Dr. Dr. X
Sample Type : Serum

Sample Collected : Apr 26, 2024, 01:00 PM
Report Date : May 08, 2024, 12:53 PM.
Barcode No : ZC664054
Report Status : Final Report

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

Blood Urea <i>Urease</i>	25.0	mg/dL	19 - 44.1
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Interpretation:

Urea is a renal function test that is often interpreted with creatinine. It is also useful when measured before and after dialysis treatments.

Blood Urea Nitrogen (Bun)

Blood Urea <i>Urease</i>	25.0	mg/dL	19 - 44.1
Bun <i>Calculated</i>	11.68	mg/dL	8.9 - 20.6

Creatinine

Creatinine <i>Kinetic Alkaline Picrate</i>	0.7	mg/dL	0.6 - 1.2
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Interpretation:

Creatinine estimation is done to assess kidney function. It is not dependent on dietary factors. Normal values are obtained in kidney diseases, except in advanced renal failure and therefore its estimation is more valuable if coupled with clearance.

BUN/CREATININE RATIO

Bun/Creatinine Ratio <i>Calculated</i>	16.69		
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SGOT / AST

SGOT/AST <i>NADH (without P-5-P)</i>	17.0	U/L	11 - 34
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Interpretation:

Serum AST is used for differential diagnosis of diseases of hepatobiliary system and pancreas. Increased values are seen in liver diseases like acute viral hepatitis, cirrhosis, biliary obstruction, primary or metastatic cancer, granuloma, hepatic ischaemia.

SGPT / ALT

SGPT/ALT <i>NADH (without P-5-P)</i>	18.0	U/L	< 45
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Interpretation:

Serum ALT is used for differential diagnosis of diseases of hepatobiliary system and pancreas. Increased in alcoholic hepatitis, cirrhosis, hepatocellular carcinoma, chronic hepatitis. Decreased in genito-urinary tract infection, malignancy, pyridoxal phosphate deficiency states (malnutrition, pregnancy, alcoholic liver disease).

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Referred By	: Dr. Dr. X	Barcode No	: ZC664054
Sample Type	: Serum	Report Status	: Final Report
Test Description	Value(s)	Unit(s)	Reference Range

SGOT/SGPT RATIO.

SGOT/AST NADH (without P-5-P)	17.0	U/L	11 - 34
SGPT/ALT NADH (without P-5-P)	18.0	U/L	< 45
SGOT/SGPT Ratio	0.94	%	-

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Patient Name : Mr MR.DUMMY

DOB/Age/Gender : 23 Y/Male

Patient ID / UHID : 8053228/RCL7249725

Referred By : Dr. Dr. X

Sample Type : Serum

Sample Collected : Apr 26, 2024, 01:00 PM

Report Date : May 08, 2024, 12:28 PM.

Barcode No : ZC664054

Report Status : Final Report

Test Description	Value(s)	Unit(s)	Reference Range
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Cholesterol, Serum

Total Cholesterol Enzymatic	125.0	mg/dL	<200
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Interpretation:

Increasing concentrations of Total cholesterol and LDL cholesterol are both correlated with increasing risk of cardiovascular disease. The levels are used to monitor response to cholesterol lowering therapy.

TSH 3rd Generation

Thyroid Stimulating Hormone (Ultrasensitive) ECLIA	2.6	mIU/L	0.27 - 4.20
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Interpretation:

Pregnancy	Reference ranges TSH
1 st Trimester	0.1 - 2.5
2 ed Trimester	0.2 - 3.0
3 rd Trimester	0.3 - 3.0

TSH levels are subject to circadian variation, reaching peak levels between 2 - 4.a.m. and at a minimum between 6-10 pm . The variation is of the order of 50% . hence time of the day has influence on the measured serum TSH concentrations.

Primary malfunction of the thyroid gland may result in excessive (hyper) or below normal (hypo) release of T3 or T4. In addition as TSH directly affects thyroid function, malfunction of the pituitary or the hypo - thalamus influences the thyroid gland activity. Disease in any portion of the thyroid-pituitary-hypothalamus system may influence the levels of T3 and T4 in the blood. In primary hypothyroidism, TSH levels are significantly elevated, while in secondary and tertiary hypothyroidism, TSH levels may be low. In addition, in the Euthyroid Sick Syndrome, multiple alterations in serum thyroid function test findings have been recognized in patients with a wide variety of non-thyroidal illnesses (NTI) without evidence of preexisting thyroid or hypothalamic-pituitary diseases.

Thyroid Binding Globulin (TBG) concentrations remain relatively constant in healthy individuals. However, pregnancy, excess estrogen, androgen, antibiotics, steroids and glucocorticoids are known to alter TBG levels and may cause false thyroid values for Total T3 and T4 tests.

*** 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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