



# PARKLINE DIAGNOSTICS PVT. LTD.

L.G. 3, 4 & 5, Bhuvana Towers, S.D. Road, Secunderabad - 500 003.

Tel : +91 40-42038139, 2784 5852, 7995421787, 7093445852,

Email parklinediagnostics@gmail.com www.parklinediagnostics.com



NABL Accredited  
Certificate No.MC-2566

## MEDICAL EXAMINATION REPORT

Name	Mr. Kumar Santosh		Date :	23/9/23
Company	Medi wheel.		Reg. No. :	3499362
Contact No.	9977847109.		Sex	<input checked="" type="checkbox"/> M Age : <input type="checkbox"/> 48
Type	Pre-Emp	<input type="checkbox"/>	Emp. No.:	67212
	Overseas	<input type="checkbox"/>	Height	184cm
	Annual	<input checked="" type="checkbox"/>	Weight	84kgs.
Remarks	<p>Elevated Tot. Bilirubin level. Advice follow up.</p> <p>- USG : Right Hepatic cyst (+) measuring 2.9 X 1.5cm.</p> <p>Advice follow up c Gastroenterologist.</p> <p>- Rest all physical + lab parameters WNL.</p>			
Fitness Status	Medically Fit / Unfit		<p><b>DR. PRIYANKA SANNIDHI</b> MBBS Physician's Signature Regn. No. 11351</p>	

# COMPREHENSIVE MEDICAL EXAMINATION REPORT

NAME Mr. Kumar Santosh  
 AGE 48 yrs / male  
 MARITAL STATUS Married CHILDREN : M  F   
 IDENTIFICATION (IF ANY) A mole on the head.

## PAST HISTORY

Any family H/o : High Blood Pressure, Heart Disease, Tuberculosis, Diabetes, Asthma, Cancer

late Mother  late Mother  late Mother

Any personal H/o Major illness like : Typhoid..... NIL Jaundice..... 1990 Etc.

Any H/o STD..... Skin infection..... A. black rash Rt. leg.

H/o Blood Transfusion..... Recent Vaccination..... COVID-19 x 2 doses.

H/o Epilepsy..... NIL Giddiness..... NIL

H/o Surgery..... Fracture in the past..... NIL

## Any Personal H/O.

High Blood Pressure, Heart Disease Tuberculosis, Diabetes, Asthma, Cancer

Drug Abuse, Drug Allergy, Micturition, Bowels, Alcohol, Smoking, Sleep, MC, Wt. Loss/Wt. Gain

Present illness / Medication

## GENERAL EXAMINATION

Conjunctiva :

Skin :

Ears :

Nose :

Throat & Oral Cavity :

Bone, Joints :

Nutritional Status :

Lymph Nodes :

Edema Feet :

Varicose Veins :

(N)

well nourished

NPT

NIL

NIL

NAD

**Distant Vision : Near Vision :**

Right Eye: 6/6

With glasses / Without glasses

left Eye : 6/6

with glasses / without glasses

Colour Vision : normal

Right Eye: N10 +1.75 sph Ng

With glasses / Without glasses

left Eye : N10 +1.75 sph Ng

with glasses / without glasses

**DR. KATTA**  
M.B.B.S. F.R.F.  
Regd: 8961 (A.M.O.)  
Ophthalmologist's Signature

**Right Ear**

Hearing :

(N)

Rinee's Test ;

Weber Test :

Discharge :

(NIL)

**Left Ear**

(N)

NIL

**SYSTEMIC EXAMINATION**

Pulse : 88 bpm

B.P. : 120/80/70

Lungs : A. Shape of Chest B/C symmetrical  
B. Breath Sounds B/C clear  
C. Adventitious Sounds NO

Heart : A. Sounds S1 & S2  
B. Murmurs NO

**Nervous System**

Abdomen : A. Liver NPD  
B. Spleen NPD  
C. Piles NO  
D. Any Lump NO

A. Higher Function :  
B. Cranial Nerves :  
C. Sensory System : (N)  
D. Motor System :  
E. Jerks :

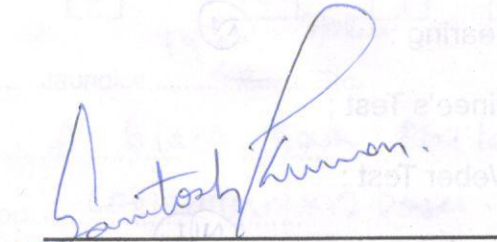
General : A. Hernia  
B. Hydrocele NPD  
C. Varicocele

Breast : Rt \_\_\_\_\_ Lt. \_\_\_\_\_

# CANDIDATE'S DECLARATION

I hereby solemnly declare that I am not suffering from Asthma, Hypertension, Diabetes, Occult Psychological disorders or any other ailment which can be suppressed without my voluntary declaration.

Date : 23/9/23

  
Signature

Place :

Note : General Physical Examination and Investigation included in the health check-up Have certain limitations and may not be able to detect all latent and asymptomatic diseases. Any new symptoms developing after the health check-up or persisting thereafter should be brought to the attention of the treating physician.



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## ENT CONSULTATION

S.No. 3499362

Emp.No. 67212

Date 23/9/23

Name Mr. Kumar Santosh

Age 48 Yrs

Sex  M  F

### EARS :

Right

Left

EAC

: patent no Cerumen

-ob.

TM

: Intact, pearly white.

-ob.

TFT

: Cone of light (+)  
Rinne's +ve

Rinne's +ve.

Weber's - central

NOSE

: Septum (+), Bil. D'symmetry (+). PWS (+) nostrils

THROAT

: Oropharynx (+). Bil. v.c's (+) normally  
Arytenoid (+) bil.

NECK

: (+)

IMPRESSION:

EARS clinically NAD.

Dr. D. Hari Krishna Reddy  
MS (ENT)  
Head & Neck Surgeon  
Reg. No: 88379



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## TEST REPORT

Name : Mr . KUMAR SANTOSH [67212]  
Age / Gender : 48 Years / Male  
Ref.By :  
Req. No : BIL3499362

TID : UMR1227196  
Registered on : 23-Sep-2023 08:58 AM  
Reported On : 23-Sep-2023 10:40 AM  
Reference : Medi Wheel

### DEPARTMENT OF ULTRASOUND Ultrasound Whole Abdomen

**LIVER** : Normal in size and increased echotexture. Right Hepatic cyst measuring 2.9 x 1.5 cms.

No IHBD /CBD dilatation. Portal vein is normal.

**SPLEEN** : Normal in size and echotexture. No focal lesion seen.

**GALL BLADDER** : Well distended. No sludge / gall stones / sol.  
Gall bladder - Wall thickness is normal.  
No pericholecystic oedema.

**PANCREAS** : Normal in size and echotexture.No calcification / sol.  
Pancreatic duct is normal. No peripancreatic fluid collection.

**RIGHT KIDNEY** : 10.2 x 4.3 cms.  
Normal in size and echotexture.  
Cortical thickness is normal.  
No evidence of calculi / sol.  
Pelvi calyceal system is normal.

**LEFT KIDNEY** : 9.3 x 5.1 cms.  
Normal in size and echotexture.  
Cortical thickness is normal.  
No evidence of calculi / sol.  
Pelvi calyceal system is normal.

**URINARY BLADDER** : Well distended.Normal in contour.  
Wall thickness is normal. No calculus / sol.

**PROSTATE** : Normal in size and echotexture.  
No calcification / sol.  
No pre or para aortic adenopathy / ascites noted.

**IMPRESSION** : Grade I fatty liver.  
Right Hepatic cyst.  
Clinical correlation

  
Dr. D.J. MOHAN  
MD DMRD  
(Reg No. 8995)  
Consultant Radiologist

Page:1 of 1

Lab Timings (Weekdays) : 7.00 am to 8.30 pm  
Sundays & Holidays : 7.00 am to 1.00 pm

Radiologists Timings (Weekdays) : 7.30 am to 8.00 pm

Sundays & Holidays : 7.30 am to 9.30 am

Free Home Visit for Sample Collection.

Call : 7995421787, 7093445852, 9885202212



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Age / Gender : 48 Years / Male  
Ref.By :  
Req. No : BIL3499362

TID : UMR1227196  
Registered on : 23-Sep-2023 08:58 AM  
Reported On : 23-Sep-2023 12:28 PM  
Reference : Medi Wheel

### X-RAY CHEST PA VIEW

Lung fields are clear.

Cardia is normal.

Hila are normal.

C P angles are free.

Bony cage is normal.

Soft tissues are normal.

**IMPRESSION : NORMAL CHEST X-RAY**

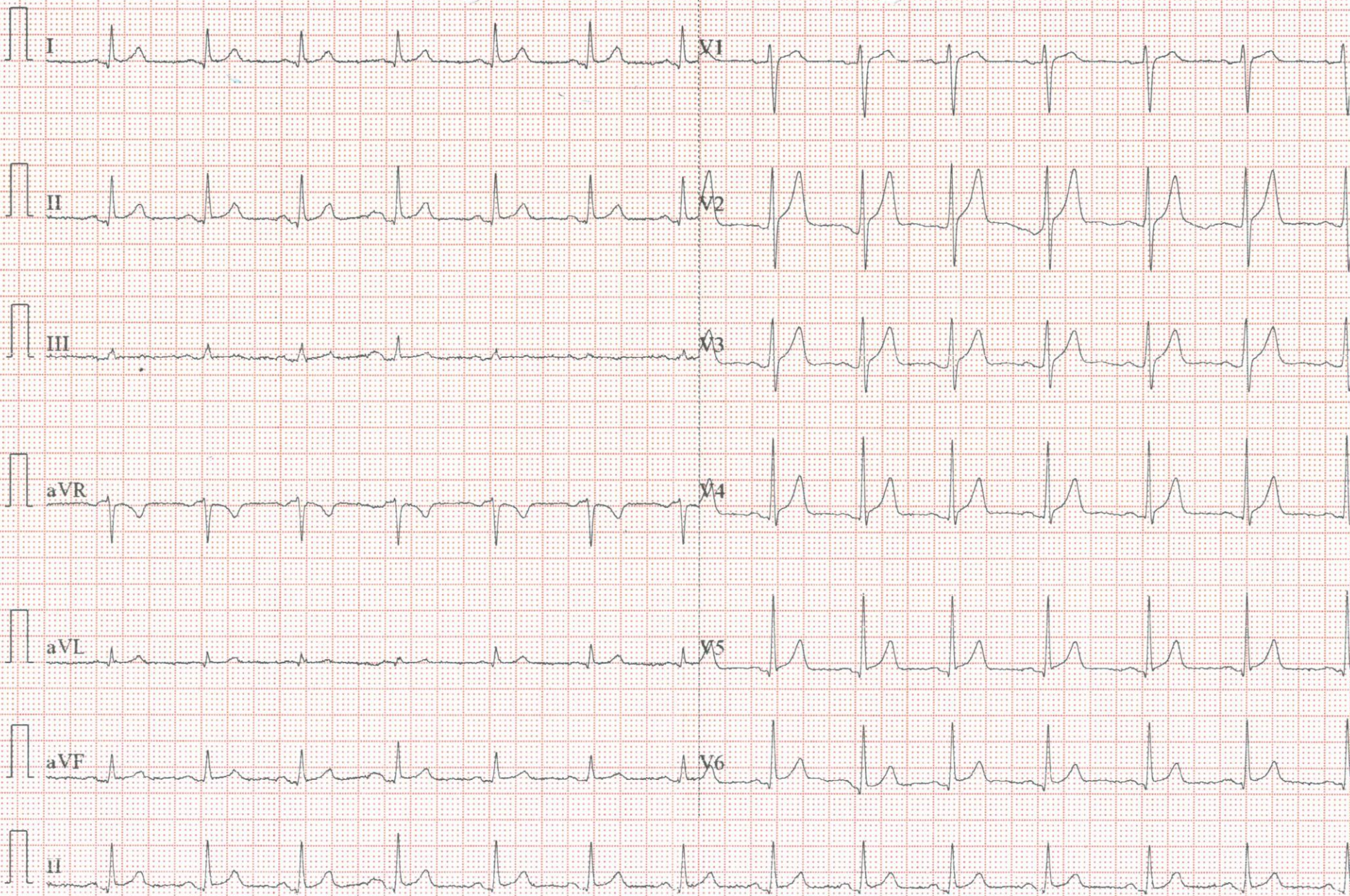
  
**Dr. SATHVINDER**  
MDRD  
Regd.No: 56064  
Consultant Radiologist

Total METS achieved 13.56  
 Maximum HR achieved 157 bpm, 91 % of 172 bpm

Maximum ST depression (II) -1.21 mm  
 Total Exercise time 09:02 (min:sec)

Stage Name	Time (min:sec)	Speed (kmph)	Grade (%)	HR (bpm)	BP (mmHg)	R.P.P	METS	STLevel (II)	Stage Comments.
Pre-Test	00:42	0.00	0.00	92	120 / 80	11040	0.00	2.06	
Supine	00:20	0.00	0.00	79	120 / 80	9480	0.00	2.16	
Standing	00:08	0.00	0.00	85	120 / 80	10200	0.00	2.01	
Hyper Ventilation	00:22	0.00	0.00	97	120 / 80	11640	0.00	0.45	
Wait For Exercise	00:06	0.00	0.00	100	120 / 80	12000	0.00	1.51	
Exercise 1	02:57	2.70	10.00	125	120 / 80	15000	5.10	0.60	
Exercise 2	02:58	4.00	12.00	142	130 / 80	18460	7.10	0.45	
Exercise 3	02:52	5.50	14.00	157	140 / 80	21980	10.00	-1.21	
Peak Exercise	00:00	6.80	16.00	157	140 / 80	21980	13.56	-0.70	
Recovery 1	00:53	0.00	0.00	131	160 / 80	20960	0.00	0.15	
Recovery 2	01:56	0.00	0.00	115	160 / 80	18400	0.00	0.15	
Recovery 3	02:51	0.00	0.00	97	140 / 80	13580	0.00	-0.10	
Recovery 4	03:54	0.00	0.00	99	120 / 80	11880	0.00	0.25	
Recovery 5	04:10	0.00	0.00	104	120 / 80	12480	0.00	0.65	





ID: 3499362

23-09-2023 09:16:04 AM

BPL-12


MR. KUMAR SANTOSH

Male 48 Years

HR : 82 bpm  
P : 117 ms  
PR : 157 ms  
QRS : 80 ms  
QT/QTc : 325/381 ms  
P/QRS/T : 57/47/43 °  
RV5/SV1 : 1.486/0.990 mV

Diagnosis Information:  
Sinus Rhythm  
Slight ST Elevation(V4)

Report Confirmed by:

  
Dr. P. PRASHANT  
Consultant Interventional Cardiologist  
Reg. No. TSMC/FMR/25860




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## TEST REPORT

Name	: MR.KUMAR SANTOSH [67212]	TID/SID	: UMR1227196/ 26116130
Age / Gender	: 48 Years / Male	Registered on	: 23-Sep-2023 / 08:58 AM
Ref.By	: -	Collected on	: 23-Sep-2023 / 09:05 AM
Req.No	:  BIL3499362	Reported on	: 23-Sep-2023 / 12:23 PM
		Reference	: Medi Wheel

### DEPARTMENT OF CLINICAL PATHOLOGY

### Complete Urine Examination (CUE), Urine

Investigation	Observed Value	Units	Biological Reference Interval
Colour Method:Photo detectors(instrument)	Yellow		Light Yellow
Appearance Method:Photo diode array sensor	Clear		Clear
Specific gravity Method:Ion concentration/colour indicator	1.010		1.003-1.030
Reaction and pH Method:Double Indicator	6.0		5.0-8.0
Protein Method:Protein Error of pH indicators	Negative		Negative
Glucose Method:Double sequential enzymatic/GOD-PAP	Negative		Negative
Urobilinogen Method:Reagent strip/Reflectance photometry	Negative		0.2-1.0 mg%
Ketones Method:Strip method/Nitroprusside method	Negative		Negative
Blood Method:Peroxidase	Negative		Negative
Bile Salt Method:Hays Method	Negative		Negative
Bile Pigment Method:Fouchets Method	Negative		Negative
<b>Microscopic Examination</b>			
Pus cells (leukocytes) Method:Microscopy Of Sediment	1 - 2	/hpf	0-5 /hpf
RBC (erythrocytes) Method:Microscopy Of Sediment	Nil	/hpf	0-2 /hpf
Epithelial cells Method:Microscopy Of Sediment	Nil	/hpf	0-8 /hpf
Crystals Method:Microscopy Of Sediment	Nil	/lpf	Nil /lpf

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& 5.45 pm to 7.45 pm  
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Age / Gender	: 48 Years / Male	Registered on	: 23-Sep-2023 / 08:58 AM
Ref.By	: -	Collected on	: 23-Sep-2023 / 09:05 AM
Req.No	:  BIL3499362	Reported on	: 23-Sep-2023 / 12:23 PM
		Reference	: Medi Wheel

### DEPARTMENT OF CLINICAL PATHOLOGY

### Complete Urine Examination (CUE), Urine

Investigation	Observed Value	Units	Biological Reference Interval
Casts	Nil	/lpf	Nil
Method:Microscopy Of Sediment			/lpf
Others	Nil		Nil
Method:Microscopy Of Sediment			

\* Sample processed at Parkline

--- End Of Report ---

**Dr.Jyothi Kiranmai**  
Regd. No: 52272  
MD PATHOLOGY






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## TEST REPORT

Name : **MR.KUMAR SANTOSH [67212]** TID/SID : UMR1227196/ 26116128  
Age / Gender : 48 Years / Male Registered on : 23-Sep-2023 / 08:58 AM  
Ref.By : - Collected on : 23-Sep-2023 / 09:05 AM  
Req.No  Reported on : 23-Sep-2023 / 13:25 PM  
BIL3499362 Reference : Medi Wheel

### DEPARTMENT OF HEMATOLOGY

#### Blood Grouping ABO And Rh Typing, EDTA Whole Blood

Parameter	Results
Blood Grouping (ABO)	AB
Rh Typing (D)	POSITIVE -
Method:Agglutination	

\* Sample processed at Parkline

--- End Of Report ---

**Dr.Jyothi Kiranmai**  
Regd. No: 52272  
MD PATHOLOGY






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## TEST REPORT

Name	: MR.KUMAR SANTOSH [67212]	TID/SID	: UMR1227196/ 26116128
Age / Gender	: 48 Years / Male	Registered on	: 23-Sep-2023 / 08:58 AM
Ref.By	: -	Collected on	: 23-Sep-2023 / 09:05 AM
Req.No	:  BIL3499362	Reported on	: 23-Sep-2023 / 13:25 PM
		Reference	: Medi Wheel

### DEPARTMENT OF HEMATOLOGY

### Complete Blood Picture (CBP), EDTA Whole Blood

Investigation	Observed Value	Units	Biological Reference Interval
Hemoglobin Method:Spectrophotometry	13.9	g/dL	13.0-17.0 g/dL
Erythrocyte Count(RBC) Method:Electrical Impedence	4.5	mill /cu.mm	4.5-5.5 mill /cu.mm
PCV/HCT Method:Numeric Integration	41	%	40-50 %
MCV Method:Calculated	91	fL	83-101 fL
MCH Method:Calculated	30.3	pg	27-32 pg
MCHC Method:Calculated	33.2	gm/dL	31.5-34.5 gm/dL
RDW (CV) Method:Calculated	13.7	%	11.6-14.0 %
Total WBC Count Method:Impedence flowcytometry/Light scattering	6.7	10 <sup>3</sup> /μL	4-10 10cap;3/μL 10 <sup>3</sup> /μL
<b>Differential Count</b>			
Neutrophils Method:Flowcytometry/Microscopy	64	%	40-80 %
Lymphocytes Method:Flowcytometry/Microscopy	28	%	20-40 %
Monocytes Method:Flowcytometry/Microscopy	6	%	2-10 %
Eosinophils Method:Flowcytometry/Microscopy	2	%	1-6 %
Basophils Method:Flowcytometry/Microscopy	0	%	0-2 %
Absolute Neutrophil Count	4.29	10 <sup>3</sup> /μL	2.0-7.0 10 <sup>3</sup> /μL
Absolute Lymphocyte Count	1.88	10 <sup>3</sup> /μL	1.0-3.0 10 <sup>3</sup> /μL

Lab Timings (Weekdays) : 7.00 am to 8.30 pm  
Sundays & Holidays : 7.00 am to 1.00 pm

Radiologists Timings (Weekdays) : 7.30 am to 1.30 pm  
& 5.45 pm to 7.45 pm  
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Age / Gender : 48 Years / Male Registered on : 23-Sep-2023 / 08:58 AM  
Ref.By : - Collected on : 23-Sep-2023 / 09:05 AM  
Req.No  Reported on : 23-Sep-2023 / 13:25 PM  
Reference : Medi Wheel  
BIL3499362

### DEPARTMENT OF HEMATOLOGY

#### Complete Blood Picture (CBP), EDTA Whole Blood

Investigation	Observed Value	Units	Biological Reference Interval
Absolute Monocyte Count	0.4	10 <sup>3</sup> /μL	0.20-1.0 10 <sup>3</sup> /μL
Absolute Eosinophils Count	0.13	10 <sup>3</sup> /μL	0.02-0.5 10 <sup>3</sup> /μL
Absolute Basophil Count	<b>00</b>	10 <sup>3</sup> /μL	0.02-0.1 10 <sup>3</sup> /μL
Platelet Count	<b>100</b>	10 <sup>3</sup> /μL	150-410 10 <sup>3</sup> /μL
Method:Electrical Impedence			

#### Peripheral Smear

RBC Normocytic and Normochromic  
Method:Microscopy  
WBC Within normal limits.No abnormal cells seen.  
Method:Microscopy  
Platelets Thrombocytopenia+.  
Method:Microscopy Giant platelets seen.

\* Sample processed at Parkline

--- End Of Report ---

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Age / Gender	: 48 Years / Male	Registered on	: 23-Sep-2023 / 08:58 AM
Ref.By	: -	Collected on	: 23-Sep-2023 / 09:05 AM
Req.No	 BIL3499362	Reported on	: 23-Sep-2023 / 13:25 PM
		Reference	: Medi Wheel

### DEPARTMENT OF HEMATOLOGY

### Erythrocyte Sedimentation Rate (ESR), Sodium Citrate Whole Blood

Investigation	Observed Value	Units	Biological Reference Intervals
ESR 1st Hour	15	mm/hour	0-10 mm/hour
Method:Westergren			

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## TEST REPORT

Name : **MR.KUMAR SANTOSH [67212]** TID/SID : UMR1227196/ 26116130F  
Age / Gender : 48 Years / Male Registered on : 23-Sep-2023 / 08:58 AM  
Ref.By : - Collected on : 23-Sep-2023 / 09:05 AM  
Req.No  Reported on : 23-Sep-2023 / 15:35 PM  
Reference : Medi Wheel  
BIL3499362

### DEPARTMENT OF CLINICAL CHEMISTRY I

#### Blood Urea Nitrogen (BUN), Serum

Investigation	Observed Value	Units	Biological Reference Interval
Blood Urea Nitrogen.	10.2	mg/dL	7-23 mg/dL
Method:Calculated			

#### Creatinine, Serum

Investigation	Observed Value	Units	Biological Reference Interval
Creatinine.	1.04	mg/dL	0.60-1.30 mg/dL
Method:Alkaline Picrate			

#### Glucose Urine Fasting

Investigation	Observed Value
Urine Glucose Fasting	Nil
Method:Reagent strip/Reflectance photometry	

\* Sample processed at Parkline

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## TEST REPORT

Name : **MR.KUMAR SANTOSH [67212]** TID/SID : UMR1227196/ 26116131F  
Age / Gender : 48 Years / Male Registered on : 23-Sep-2023 / 08:58 AM  
Ref.By : - Collected on : 23-Sep-2023 / 09:05 AM  
Req.No  Reported on : 23-Sep-2023 / 17:27 PM  
Reference : Medi Wheel  
BIL3499362

### DEPARTMENT OF CLINICAL CHEMISTRY I

#### Glucose Fasting (FBS), Sodium Fluoride Plasma

Investigation	Observed Value	Units	Biological Reference Interval
Glucose Fasting Method:GOD - PAP	99	mg/dL	Normal: <100 Impaired FG: 100-125 Diabetic : $\geq$ 126 mg/dL

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Age / Gender : 48 Years / Male Registered on : 23-Sep-2023 / 08:58 AM  
Ref.By : - Collected on : 23-Sep-2023 / 09:05 AM  
Req.No  Reported on : 23-Sep-2023 / 17:27 PM  
BIL3499362 Reference : Medi Wheel

### DEPARTMENT OF CLINICAL CHEMISTRY I

### Glucose Post Prandial (PPBS), Sodium Fluoride Plasma

Investigation	Observed Value	Units	Biological Reference Interval
Glucose Post Prandial Method:GOD - PAP	114	mg/dL	Normal : 90 - 140 Impaired Glucose Tolerance: 141-199 Diabetic : $\geq$ 200 mg/dL

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## TEST REPORT

Name : **MR.KUMAR SANTOSH [67212]** TID/SID : UMR1227196/ 26116128  
Age / Gender : 48 Years / Male Registered on : 23-Sep-2023 / 08:58 AM  
Ref.By : - Collected on : 23-Sep-2023 / 09:05 AM  
Req.No  Reported on : 23-Sep-2023 / 17:27 PM  
Reference : Medi Wheel  
BIL3499362

### DEPARTMENT OF CLINICAL CHEMISTRY I

#### Glycosylated Hemoglobin (HbA1C), EDTA Whole Blood

Investigation	Observed Value	Units	Biological Reference Interval
Glycosylated Haemoglobin Method:High Performance Liquid Chromatography(HPLC)	5.6	%	< 5.7% : Normal 5.7% - 6.4% : Prediabetes > 6.4% Diabetes
Mean Plasma Glucose (MPG) Estimate Method:Derived from HBA1c	114	mg/dL	Excellent Control : 90 to 120 Good Control : 121 to 150 Average Control : 151 to 180 Panic Value : > 211 mg/dL

**Note:**Mean Plasma Glucose is calculated from HBA1c value and it indicates Average Blood Sugar level over the past three months.

#### INTERPRETATION :

- 1.Glycated hemoglobin (glycohemoglobin / HbA1c) is a form of hemoglobin (Hb) that is chemically linked to a sugar.
- 2.A1c is measured primarily to determine the three-month average blood sugar level and can be used as a diagnostic test for diabetes mellitus and as an assessment test for glycemic control in people with diabetes.
- 3.In diabetes, higher amounts of glycated hemoglobin, indicating poorer control of blood glucose levels, have been associated with cardiovascular disease, nephropathy, neuropathy, and retinopathy.
4. American diabetes Association (ADA) recommends an A1C goal for many non pregnant adults of < 7% (without significant hypoglycemia). On the basis of provider judgment and patient preference, achievement of lower A1C levels than the goal of 7% may be acceptable, and even beneficial, if it can be achieved safely without significant hypoglycemia or other adverse effects of treatment. Less stringent A1C goals (such as < 8%) may be appropriate for patients with severe hypoglycemia, extensive co morbid conditions etc, or where the harms of treatment are greater than the benefits.
5. Glycemic goals for some older adults might reasonably be relaxed as part of individualized care, but hyperglycemia leading to symptoms or risk of acute hyperglycemia complications should be avoided in all patients.

\* Sample processed at Parkline

--- End Of Report ---

**Dr.Jyothi Kiranmai**  
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Certificate No.:MC-2566

## TEST REPORT

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Ref.By : - Collected on : 23-Sep-2023 / 09:05 AM  
Req.No  Reported on : 23-Sep-2023 / 13:15 PM  
Reference : Medi Wheel  
BIL3499362

### DEPARTMENT OF CLINICAL CHEMISTRY I

#### Lipid Profile, Serum

Investigation	Observed Value	Units	Biological Reference Interval
Total Cholesterol Method:CHOD-PAP	136	mg/dL	Desirable Level: < 200 Borderline : 200 - 239 High : > 240 mg/dL
HDL Cholesterol Method:Enzymatic Reaction	30	mg/dL	<40:Major risk factor for heart disease 40-59:The higher,the better >=60:Considered protective against heart disease mg/dL
LDL Cholesterol Method:Calculated	91	mg/dL	< 100 mg/dL
VLDL Cholesterol Method:Calculated	15	mg/dL	10-55 mg/dL
Triglycerides Method:GPO-POD	76	mg/dL	Normal:<150 Borderline:150-199 High:200-499 Very High:>=500 mg/dL
Chol/HDL Ratio Method:Calculated	4.53		Normal : <4 Low risk : 4 - 6 High risk : >6
LDL Cholesterol/HDL Ratio Method:Calculated	3.03		Ideal : < 2 Good : 2 - 5 Bad : > 5

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Req.No  Reported on : 23-Sep-2023 / 15:35 PM  
Reference : Medi Wheel  
BIL3499362

### DEPARTMENT OF CLINICAL CHEMISTRY I

#### Liver Function Test (LFT), Serum

Investigation	Observed Value	Units	Biological Reference Interval
Total Bilirubin. Method:Diazo with sulphanilic acid	<b>2.21</b>	mg/dL	0.3-1.2 mg/dL
Direct Bilirubin. Method:Diazo with sulphanilic acid	<b>0.52</b>	mg/dL	0.00-0.40 mg/dL
Indirect Bilirubin. Method:Calculated	<b>1.69</b>	mg/dL	0.2-0.8 mg/dL
Alanine Aminotransferase ,(ALT/SGPT) Method:IFCC without P5P	<b>61</b>	U/L	10-40 U/L
Aspartate Aminotransferase,(AST/SGOT) Method:IFCC without P5P	<b>30</b>	U/L	10-40 U/L
ALP (Alkaline Phosphatase). Method:AMP-IFCC	<b>58</b>	U/L	30-115 U/L
<b>PROTEINS</b>			
Total Protein. Method:Biuret	<b>7.22</b>	g/dL	6.0-8.0 g/dL
Albumin. Method:Bromocresol Green (BCG)	<b>4.14</b>	g/dL	3.5-4.8 g/dL
Globulin. Method:Calculated	<b>3.08</b>	g/dL	2.3-3.5 g/dL
A/GRatio. Method:Calculated	<b>1.34</b>		0.8-2.0
Gamma GT. Method:IFCC-Enzymatic	<b>35</b>	U/L	7.0-50.0 U/L

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## TEST REPORT

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Req.No  Reported on : 23-Sep-2023 / 13:15 PM  
BIL3499362 Reference : Medi Wheel

### DEPARTMENT OF CLINICAL CHEMISTRY I

### Prostate Specific Antigen (PSA) Total, Serum

Investigation	Observed Value	Biological Reference Interval
Prostate Specific Antigen (PSA) Total Method:Enhanced chemiluminescence	0.904 ng/mL	0-3.9 ng/mL

#### Interpretation:

- 1.Prostate specific antigen (PSA) is a glycoprotein that is expressed by both normal and neoplastic prostate tissue
- 2.Elevated serum PSA concentrations are found in men with prostate cancer, benign prostatic hyperplasia (BPH) or inflammatory conditions of other adjacent genitourinary tissues. PSA can also be elevated after digital rectal examination,prostatic massage,cystoscopy,needle biopsy etc
- 3.Measurement of serum PSA by itself is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels are also observed in patients with benign prostatic hyperplasia.
4. When employed for the management of prostate cancer patients, serial measurement of PSA is useful in detecting residual tumor and recurrent cancer after radical prostatectomy.
- 5.PSA has been demonstrated to be an accurate marker for monitoring advanced clinical stage in untreated patients and for monitoring response to therapy by radical prostatectomy, radiation therapy and anti-androgen therapy.

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Reference : Medi Wheel  
BIL3499362

### DEPARTMENT OF CLINICAL CHEMISTRY I

#### Thyroid Profile (T3,T4,TSH), Serum

Investigation	Observed Value	Units	Biological Reference Interval
Triiodothyronine Total (T3) Method:Enhanced chemiluminescence	1.55	ng/mL	0.970-1.69 ng/mL
Thyroxine Total (T4) Method:Enhanced chemiluminescence	<b>11.9</b>	µg/dL	5.53-11.0 µg/dL
Thyroid Stimulating Hormone (TSH) Method:Enhanced chemiluminescence	2.05	µIU/mL	0.400-4.049 µIU/mL

Note: Change in method and reference range  
NOTE:

TSH - Reference ranges during pregnancy:\*

1st Trimester : 0.10 - 2.50

2nd Trimester : 0.20 - 3.00

3dr Trimester : 0.30 - 3.00

\*As per the Guidelines of American Thyroid Association for the diagnosis and management of thyroid disease during pregnancy and post partum.

1.Primary Hyperthyroidism is accompanied by elevated T3 & T4 values along with depressed TSH level.

2.Primary Hypothyroidism is accompanied by depressed T3 & T4 levels and elevated TSH levels.

3.Normal T4 levels accompanied by high T3 levels are seen in patients with T3 Thyrotoxicosis.

4.Slightly elevated T3 levels may be found in pregnancy and estrogen therapy, while depressed levels may be encountered in severe illness, malnutrition, renal failure and during therapy with drugs like propranolol and propylthiouracil.

5.Although elevated TSH levels are nearly always indicative of primary hypothyroidism, rarely they can result form TSH secreting pituitary tumors(secondary).

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### DEPARTMENT OF CLINICAL CHEMISTRY I

#### Uric Acid, Serum

Investigation	Observed Value	Units	Biological Reference Interval
Uric Acid. Method:Uricase	5.85	mg/dL	2.5-8.0 mg/dL

\* Sample processed at Parkline

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## TEST REPORT

Name	: MR.KUMAR SANTOSH [67212]	TID/SID	: UMR1227196/ 26116130
Age / Gender	: 48 Years / Male	Registered on	: 23-Sep-2023 / 08:58 AM
Ref.By	: -	Collected on	: 23-Sep-2023 / 09:05 AM
Req.No	:  BIL3499362	Reported on	: 23-Sep-2023 / 15:37 PM
		Reference	: Medi Wheel

### DEPARTMENT OF HEALTH CHECKUP

#### Glucose Urine Post Prandial

Urine Glucose Post Prandial	Nil	NIL
Method:Reagent strip/Reflectance photometry		

\* Sample processed at Parkline

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