

<b>Patient Name</b> :	Ms.JAYA PATLEY	<b>Bill Date</b> :	22-11-2023 09:00 AM
<b>Age / Gender</b> :	42Y(s) /Female	<b>Collected Date</b> :	22-11-2023 09:00 AM
<b>Lab Ref No/UHID</b> :	PS006877/P00000586764	<b>Received Date</b> :	22-11-2023 09:00 AM
<b>Lab No/Result No</b> :	2300224052/453766	<b>Report Date</b> :	22-11-2023 10:51 AM
<b>Referred By Dr.</b> :	HOSPITAL CASE	<b>Specimen</b> :	SERUM
		<b>Processing Loc</b> :	RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY**

Investigation	Result	Units	Biological Reference Interval
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**FBS**

Glucose (Fasting). <i>Method : GOD-POD</i>	: <b>102</b>	mg/dL	Prediabetic : 100 - 125 Diabetic : >= 126 Normal : < 100.0
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REFERENCE : ADA 2015 GUIDELINES

**CREATININE**

Creatinine <i>Method : Enzymatic</i>	: 0.5	mg/dL	0.5 - 1.2
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**BUN**

Urea Nitrogen(BUN) <i>Method : Calculated</i>	: 12.62	mg/dL	6.0 - 20.0
Urea <i>Method : Urease</i>	: 27	mg/dL	17.1-49.2

**CALCIUM**

Calcium <i>Method : Arsenazo</i>	: 9.5	mg/dL	8.6 - 10.2
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**PHOSPHOROUS**

Phosphorus <i>Method : Phospho Molybdate</i>	: 4.0	mg/dL	2.7-4.5
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**URIC ACID**

Uric Acid <i>Method : Uricase</i>	: 4.2	mg/dL	2.6 - 6.0
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**LFT**

Total Bilirubin <i>Method : Diazo</i>	: 0.5	mg/dL	0.3 - 1.2
Direct Bilirubin <i>Method : Diazo</i>	: 0.1	mg/dL	0-0.4
Indirect Bilirubin <i>Method : Diazo</i>	: 0.4	mg/dL	0.0 - 0.8
Alanine Transaminase (ALT) <i>Method : Kinetic</i>	: 23.0	U/L	<35
Aspartate Transaminase (AST) <i>Method : Kinetic</i>	: 25.0	U/L	10.0 - 40.0

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<b>Lab No/Result No</b> :	2300224052/453766	<b>Report Date</b> :	22-11-2023 11:09 AM
<b>Referred By Dr.</b> :	HOSPITAL CASE	<b>Specimen</b> :	SERUM
		<b>Processing Loc</b> :	RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY**

Investigation	Result	Units	Biological Reference Interval
<b>LFT</b>			
Alkaline Phosphatase <i>Method : 4NPP/AMP BUFFER</i>	:91.0	U/L	30.0 - 115.0
Total Protein <i>Method : Biuret</i>	:7.3	g/dl	6.0 - 8.0
Albumin <i>Method : BCG</i>	:4.3	g/dl	3.5-4.8
Globulin <i>Method : Calculated</i>	:3	gm/dL	2.3-3.5
A/G Ratio <i>Method : Calculated</i>	: 1.43		
<b>T3-T4-TSH -</b>			
Tri-Iodothyronine, (Total T3) <i>Method : Enhanced Chemiluminescence</i>	: 1.25	ng/ml	0.97-1.69
Thyroxine (T4), Total <i>Method : Enhanced Chemiluminescence</i>	: <b>5.45</b>	ug/dl	5.53-11.01
Thyroid Stimulating Hormone (Ultra). <i>Method : Enhanced Chemiluminescence</i>	: 1.970	uIU/mL	0.58-6.88

1.The TSH levels are subject to diurnal/circadian variation. reaching to peak level between 2 to 4 am. and at a minimum between 6 to 10 pm. The variation is to the order of 50%, hence the time when sample is collected has influence on the levels of TSH. 2.Many substances produced in central nervous system, even in healthy euthyroid individuals, may enhance or suppress TSH production in addition to the feedback effect of thyroid hormone. 3.Furthermore, although TSH levels rise and fall in response to changes in the concentration of Free T4, individuals appear to have their own setpoints and factors such as race and age also contribute to variability in TSH levels. Alterations of normal pituitary response are also common in patients with a variety of illnesses which can affect the levels of TSH. 4.Interassay variations are possible on different Immunoassay platforms.

TSH - For pregnancy the reference range is as follows -  
 1st trimester : 0.6 - 3.4 uIU/mL  
 2nd trimester : 0.37 - 3.6 uIU/mL  
 3rd trimester : 0.38 - 4.04 uIU/mL

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

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**Referred By Dr.** : HOSPITAL CASE

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**Received Date** : 22-11-2023 09:00 AM  
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**Specimen** : SERUM  
**Processing Loc** : RHC Hinjawadi



---

**Verified By**  
Ruhi S

*Anjana Sanghavi*

**Dr.Anjana Sanghavi**  
**Consultant Pathologist**

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**Referred By Dr.** : HOSPITAL CASE  
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**Collected Date** : 22-11-2023 09:00 AM  
**Received Date** : 22-11-2023 09:00 AM  
**Report Date** : 22-11-2023 10:50 AM  
**Specimen** : EDTA WHOLE BLC  
**Processing Loc** : RHC HInjawadi



**DEPARTMENT OF LABORATORY MEDICINE-HAEMATOLOGY**

Investigation	Result	Units	Biological Reference Interval
<b>HAEMOGRAM/CBC/CYTO</b>			
<b>W.B.C.Count</b>	: 10100	/ul	4000-11000
<i>Method : Coulter Principle</i>			
Neutrophils	: 50.2	%	40-75
<i>Method : Derived from WBC Histogram</i>			
Lymphocytes	: 37.7	%	20-40
Monocytes	: 6.6	%	2-10
Eosinophils	: 5.1	%	1.0-6.0
Basophils	: 0.4	%	0.0-1.0
%Immature Granulocytes	: 0.2	%	0.00-0.10
Absolute Neutrophil Count	: 5.1	x10 <sup>3</sup> cells/ul	2-7
<i>Method : Calculated</i>			
Absolute Lymphocyte Count	: <b>3.8</b>	x10 <sup>3</sup> cells/ul	1 - 3
<i>Method : Calculated</i>			
Absolute Monocyte Count	: 0.7	x10 <sup>3</sup> cells/ul	0.2-1.0
<i>Method : Calculated</i>			
Absolute Eosinophil Count	: 0.5	x10 <sup>3</sup> cells/ul	0.02-0.5
<i>Method : Calculated</i>			
Absolute Basophil Count	: <b>0.0</b>	x10 <sup>3</sup> cells/ul	0.02-0.1
<i>Method : Calculated</i>			
R.B.C Count	: 5.09	million/ul	3.8 - 5.8
<i>Method : Coulter Principle</i>			
<b>Haemoglobin</b>	: 13.0	g/dl	12 - 15.0
<i>Method : Cyanmethemoglobin Photometry</i>			
Haematocrit	: 41.7	%	36-46
<i>Method : Calculated</i>			
MCV	: <b>81.9</b>	fl	83 - 99
<i>Method : Coulter Principle</i>			
MCH	: <b>25.5</b>	pg	27-32
<i>Method : Calculated</i>			
MCHC	: <b>31.2</b>	g/dl	31.5-34.5
<i>Method : Calculated</i>			
RDW	: <b>14.2</b>	%	11.6-14.0
<i>Method : Calculated From RBC Histogram</i>			
<b>Platelet Count</b>	: 286.0	x10 <sup>3</sup> /ul	150 - 450
<i>Method : Coulter Principle</i>			
MPV	: 10.3	fl	7.8-11
<i>Method : Coulter Principle</i>			

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<b>Patient Name</b>	: Ms.JAYA PATLEY	<b>Bill Date</b>	: 22-11-2023 09:00 AM
<b>Age / Gender</b>	: 42Y(s) /Female	<b>Collected Date</b>	: 22-11-2023 09:00 AM
<b>Lab Ref No/UHID</b>	: PS006877/P00000586764	<b>Received Date</b>	: 22-11-2023 09:00 AM
<b>Lab No/Result No</b>	: 2300224054/453766	<b>Report Date</b>	: 22-11-2023 10:30 AM
<b>Referred By Dr.</b>	: HOSPITAL CASE	<b>Specimen</b>	: EDTA WHOLE BLC
		<b>Processing Loc</b>	: RHC Hinjawadi

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RBC Morphology : Normocytic  
normochromic

WBC Morphology : Within normal range  
Platelet : Adequate

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

**Verified By**  
Snehal

**Dr.Anjana Sanghavi**  
**Consultant Pathologist**

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**Age / Gender** : 42Y(s) /Female  
**Lab Ref No/UHID** : PS006877/P00000586764  
**Lab No/Result No** : 2300224062/453766  
**Referred By Dr.** : HOSPITAL CASE  
**Bill Date** : 22-11-2023 09:00 AM  
**Collected Date** : 22-11-2023 09:03 AM  
**Received Date** : 22-11-2023 09:00 AM  
**Report Date** : 22-11-2023 06:17 PM  
**Specimen** : STOOL  
**Processing Loc** : RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-CLINICAL PATHOLOGY**

Investigation	Result	Units	Biological Reference Interval
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**STOOL ROUTINE**

**Physical Examination Stool**

Colour. : Brown  
*Method : Visual Inspection*  
Consistency : Semi-Solid  
Mucus : Absent  
Blood : Absent

**Microscopic Examination of Stool**

Pus Cells : 1-2 /hpf  
Red Blood Cells : Absent  
Macrophages : Absent /hpf  
Trophozoites : Absent /hpf  
Yeast Cells : Absent /hpf  
Cysts : Absent  
Ova : Absent  
Fat Globules. : Absent  
Starch Globules : Absent  
Oil Globules : Absent  
Muscle Fibres : Absent  
Starch : Absent  
Stool Reducing Substance : Absent  
Vegetative Matter : Absent  
Others. : Absent

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

**Verified By**  
AKSHAY1

**Dr.POOJA PATHAK**  
**Associate Consultant**

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**Age / Gender** : 42Y(s) /Female  
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**Referred By Dr.** : HOSPITAL CASE  
**Bill Date** : 22-11-2023 09:00 AM  
**Collected Date** : 22-11-2023 09:00 AM  
**Received Date** : 22-11-2023 09:00 AM  
**Report Date** : 22-11-2023 05:05 PM  
**Specimen** : EDTA WHOLE BLC  
**Processing Loc** : RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-HAEMATOLOGY**

Investigation	Result	Units	Biological Reference Interval
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**ESR**

ESR At 1 Hour : **22** mm/hr 0 - 20

Method : Modified Westergren Method

**INTERPRETATION :**

ESR is a screening test to detect presence of systemic disease; however a normal result does not rule out a systemic disease.

ESR is also used to monitor course of disease or response to therapy if initially elevated.

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

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**Age / Gender** : 42Y(s) /Female  
**Lab Ref No/UHID** : PS006877/P00000586764  
**Lab No/Result No** : 2300224052/453766  
**Referred By Dr.** : HOSPITAL CASE  
**Bill Date** : 22-11-2023 09:00 AM  
**Collected Date** : 22-11-2023 09:00 AM  
**Received Date** : 22-11-2023 09:00 AM  
**Report Date** : 22-11-2023 12:51 PM  
**Specimen** : SERUM  
**Processing Loc** : RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY**

Investigation	Result	Units	Biological Reference Interval
<b>ELECTROLYTES (Na &amp; K)</b>			
Sodium <i>Method : Potentiometric</i>	: 141.0	mmol/L	136.0 - 145.0
Potassium <i>Method : Potentiometric</i>	: 4.3	mmol/L	3.5 - 5.1
Chloride <i>Method : Potentiometric</i>	: 103	mmol/L	98.0 - 107.0

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

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Consultant Pathologist

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<b>Patient Name</b> :	Ms.JAYA PATLEY	<b>Bill Date</b> :	22-11-2023 09:00 AM
<b>Age / Gender</b> :	42Y(s) /Female	<b>Collected Date</b> :	22-11-2023 09:00 AM
<b>Lab Ref No/UHID</b> :	PS006877/P00000586764	<b>Received Date</b> :	22-11-2023 09:00 AM
<b>Lab No/Result No</b> :	2300224053/453766	<b>Report Date</b> :	22-11-2023 03:18 PM
<b>Referred By Dr.</b> :	HOSPITAL CASE	<b>Specimen</b> :	URINE
		<b>Processing Loc</b> :	RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-CLINICAL PATHOLOGY**

Investigation	Result	Units	Biological Reference Interval
<b>URINE ROUTINE</b>			
<b><u>PHYSICAL EXAMINATION</u></b>			
Colour	: Pale Yellow		
Appearance	: Slightly Turbid		
<b><u>CHEMICAL TEST</u></b>			
Ph	: 5.0		5.0-7.0
Specific Gravity	: 1.030		1.015-1.030
Albumin	: Absent		Abset
Urine Sugar	: Absent	mg/dL	
Ketone Bodies	: Absent		Absent
Bile Pigments	: Absent		Absent
Urobilinogen	: Normal		Normal
Nitrites	: Absent		Absent
Leucocytes Esterase	: 1+		Absent
<b><u>MICROSCOPIC TEST</u></b>			
Pus Cells.	: 7-8	/hpf	0 - 5
Red Blood Cells.	: Absent	/hpf	0 - 2
Epithelial Cells.	: 3-4	/hpf	0-5
Bacteria	: Absent	/hpf	Absent
Cast	: Absent		Absent
Yeast Cells	: Absent		Absent
Crystals	: Absent		Absent
Others	: Absent		Absent

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

**Verified By**  
AKSHAY1

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**Report Date** : 22-11-2023 10:51 AM  
**Specimen** : SERUM  
**Processing Loc** : RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-BIOCHEMISTRY**

Investigation	Result	Units	Biological Reference Interval
<b>LIPID PROFILE</b>			
Cholesterol <i>Method : Enzymatic</i>	: <b>221.0</b>	mg/dL	130.0 - 220.0
Triglycerides <i>Method : Enzymatic</i>	: 75	mg/dL	35.0 - 180.0
HDL Cholesterol <i>Method : Enzymatic</i>	: <b>69</b>	mg/dL	35-65
LDL Cholesterol <i>Method : Calculated</i>	: <b>137</b>	mg/dL	10.0 - 130.0
VLDL Cholesterol <i>Method : Calculated</i>	: 15	mg/dL	5.0-36.0
Cholestrol/HDL Ratio <i>Method : Calculated</i>	: 3.2	--	2.0-6.2

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

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**Collected Date** : 22-11-2023 09:00 AM  
**Received Date** : 22-11-2023 09:00 AM  
**Report Date** : 22-11-2023 05:48 PM  
**Specimen** : EDTA WHOLE BLC  
**Processing Loc** : RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-BLOOD BANK**

Investigation	Result	Units	Biological Reference Interval
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**BLOOD GROUP**

Blood Group : B RH POSITIVE

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

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**Referred By Dr.** : HOSPITAL CASE  
**Bill Date** : 22-11-2023 09:00 AM  
**Collected Date** : 22-11-2023 09:00 AM  
**Received Date** : 22-11-2023 09:00 AM  
**Report Date** : 22-11-2023 01:09 PM  
**Specimen** : WHOLE BLOOD  
**Processing Loc** : RHC Hinjawadi



**DEPARTMENT OF LABORATORY MEDICINE-HAEMATOLOGY**

Investigation	Result	Units	Biological Reference Interval
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**GLYCOCYLATED HB% (HbA1C)**

Glycosylated Haemoglobin : 6.4 % 4-6.5  
(HbA1C)

Method : Turbidometric Inhibition  
Immunoassay

Prediabetic : 5.7 - 6.4 %  
Diabetic : >= 6.5 %  
Therapeutic Target : <7.0 %

REFERENCE : ADA 2015 GUIDELINES

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

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Grant Medical Foundation

**Ruby Hall Clinic**

Pimple Saudagar

Miss. Jaya Patley

23/11/23

FH

HTN / Dyslipid

Height 156cm  
Weight 64kg

Kidney

Polio

- at age 9 months

No complaints

O/E Conscious mented

P.R - 80%

BP - 128/78

to

Diabetic diet

Repeat

HBA1c after

6 months.

Dr  
S. S. S.

F-102  
HBA1c - 6.4  
LDL - 157  
T-C - 221

**2DECHO&DOPPLER REPORT**

**NAME: MS.JAYA PATLEY AGE: 42Yrs/F DATE: 23/11/2023**

MITRAL VALVE: has thin leaflets with normal subvalvar motion.  
No mitral regurgitation .E= 0.82 & A=0.53 m/sec, E/A ratio- 1.56, E/E' ratio- 7.39  
AORTIC VALVE : has three thin leaflets with normal opening  
No aortic regurgitation.AVPG= 6.22 mmHg  
PULMONARY VALVE; NORMAL,PVPG= 6.57 mmHg  
LEFT VENTRICLE : is normal , has normal wall thickness, No RWMA at rest .  
Normal LV systolic function. EF - 60%.  
LEFT ATRIUM: is normal.  
RIGHT ATRIUM & RIGHT VENTRICLE: normal in size. TAPSE = 25 mm.  
TRICUSPID VALVE & PULMONARY VALVES : normal.  
Trivial TR, PPG = 15 mmHg. RVS Pressure = 20 mmHg.  
No PH.  
No pericardial effusion.  
M- MODE :

AORTA	LA	LVI DD	LVIDS	IVS	PW	LVEF
25mm	27mm	40mm	21mm	11mm	09mm	60%

**IMP :**           **Normal LV Systolic function. EF-60%.**  
                      **No diastolic dysfunction**  
                      **No RWMA at rest**  
                      **Normal Valves and Chambers**  
                      **IAS & IVS Intact**  
                      **No clot / vegetation / thrombus / pericardial effusion.**



**DR. KEDAR KULKARNI**  
**DNB(MEDICINE), DNB(CARDIOLOGY)**  
**CONSULTANT INTERVENTIONAL CARDIOLOGIST**