

## DEPARTMENT OF BIOCHEMISTRY

<b>Patient Name</b> : Mr. SRIDHAR MADDURI	<b>Age /Sex</b> : 55 Y(s)/Male
<b>Ref By</b> : Dr. DAYANKA DUKKIPATI MBBS, MD(General Medicine)	<b>UMR No</b> : UMR67789
<b>Bill Date</b> : 07-Mar-22 09:32 am	<b>Bill No</b> : BIL118782
<b>Lab No</b> : BIO/22/3/242	<b>Result No</b> : RES300440
<b>Samp.Coll</b> : 07-Mar-22 09:40 am	<b>Auth. Tim</b> : 07-Mar-2022 12:38 pm
<b>Reported On</b> : 07-Mar-22 12:38 pm	

<u>Parameter</u>	<u>Result</u>	<u>Biological Reference Interval</u>	<u>Method</u>
<b>LFT- LIVER FUNCTION TESTS</b>			
Total Bilirubin	0.9	0.2 - 1.2 mg/dl	
Direct Bilirubin	0.3	0.0 - 0.3 mg/dl	
Indirect Bilirubin	0.6	0.2 - 0.7 mg/dL	
SGPT	25	05 - 40 IU/L	
SGOT	12	05 - 40 IU/L	
AST / ALT -Ratio	0.48		
Alkaline Phosphatase	84	70 - 110 U/L	
Total Protein	7.0	6.4 - 8.3 gm/dl	Biuret Method
Serum Albumin	4.3	3.5 - 5.2 gm/dl	BCG Dye
Serum Globulin	2.7	2.0 - 3.5 g/dL	
Albumin / Globulin Ratio	1.59	1.2 - 2.2	
<b>LIPID PROFILE: SERUM</b>			
Triglycerides	129	BorderLine : 150 - 199 mg/dl High : 200 - 500 mg/dl Normal : < 150 mg/dl	GPO-Trinder End Point
Total Cholesterol	197	< 200 mg/dl	CHOD-PAP End Point
HDL Cholesterol	62	Undesirable : < 40 Optimal : 40 - 59 Desirable : > 60	Enzymatic
VLDL Cholesterol	25	2 - 30 mg/dl	
LDL Cholesterol	<b>110</b>	0 - 100 mg/dl	
Cholestrol / HDL Ratio	3.18	1.0 - 3.5	Calculated

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<b>Bill Date</b> : 07-Mar-22 09:32 am	<b>Bill No</b> : BIL118782
<b>Lab No</b> : 118782	<b>Result No</b> : RES300448
<b>Samp.Coll</b> : 07-Mar-22 09:40 am	<b>Auth. Tim</b> : 07-Mar-2022 12:38 pm
<b>Reported On</b> : 07-Mar-22 12:38 pm	

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Serum Uric Acid :	<b>7.4</b>	3.5 - 7.2 mg/dl	Uricase-Peroxidase
<b>BLOOD SUGAR FASTING AND POST PRANDIAL</b>			
Fasting Blood Sugar :	96	60 - 110 mg/dl	GOD-POD
Blood Sugar Post Prandial :	<b>107</b>	110 - 140 mg/dl	GOD - POD
Blood Urea Nitrogen(BUN) :	11.2	6 - 21 mg/dl	
Serum Creatinine :	0.9	0.4 - 1.4 mg/dl	Jaffe Kinetic
<b>THYROID PROFILE</b>			
T3-Free (Tri-iodothyronine-Free) :	3.12	2.0 - 4.2 pg/mL	C L I A
T4-Free (Thyroxine - Free) :	13.97	8.9 - 17.2 pg/ml	C L I A
TSH(Thyroid Stimulating Hormone). :	3.37	0.3 - 4.5 µIU/ml	C L I A
<b>HbA1c</b> :	5.5	Non Diabetic : 4 - 6 Good Control : 6 - 7 Fair Control : 7 - 8 Poor Control : 8 - 10	Immunoturbidimetry
<b>PROSTATE SPECIFIC ANTIGEN(PSA)</b> :	3.29	0.27 - 3.42 ng/ml	ELFA

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<b>Bill Date</b> : 07-Mar-22 09:32 am	<b>Bill No</b> : BIL118782
<b>Lab No</b> : 118782	<b>Result No</b> : RES300529
<b>Samp.Coll</b> : 07-Mar-22 09:40 am	<b>Auth. Tim</b> : 07-Mar-2022 2:06 pm
<b>Reported On</b> : 07-Mar-22 02:06 pm	

<u>Parameter</u>	<u>Result</u>	<u>Biological Reference Interval</u>	<u>Method</u>
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Interpretation	:	Measurement of serum PSA levels is not recommended as a screening procedure for the diagnosis of cancer because elevated PSA levels also are observed in patients with benign prostatic hypertrophy. However, studies suggest that the measurement of PSA in conjunction with digital rectal examination (DRE) and ultrasound provide a better method of detecting prostate cancer than DRE alone.	
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PSA levels increase in men with cancer of the prostate, and after radical prostatectomy PSA levels routinely fall to the undetectable range. If prostatic tissue remains after surgery or metastasis has occurred, PSA appears to be useful in detecting residual and early recurrence of tumor. Therefore, serial PSA levels can help determine the success of prostatectomy, and the need for further treatment, such as radiation, endocrine or chemotherapy, and in the monitoring of the effectiveness of therapy.

--- End Of Report ---

PHH516

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## DEPARTMENT OF HAEMATOLOGY

<b>Patient Name</b> : Mr. SRIDHAR MADDURI	<b>Age /Sex</b> : 55 Y(s)/Male
<b>Ref By</b> : Dr. DAYANKA DUKKIPATI MBBS, MD(General Medicine)	<b>UMR No</b> : UMR67789
<b>Bill Date</b> : 07-Mar-22 09:32 am	<b>Bill No</b> : BIL118782
<b>Lab No</b> : HEM/22/3/142	<b>Result No</b> : RES300422
<b>Samp.Coll</b> : 07-Mar-22 09:40 am	<b>Auth. Tim</b> : 07-Mar-2022 2:15 pm
<b>Reported On</b> : 07-Mar-22 02:15 pm	

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### COMPLETE BLOOD PICTURE

Haemoglobin	: 16.2 gm%	13.0 - 17.0 gm%
RBC Count	: 5.1 Millions/cumm	4.5-6.5 Millions/cumm
PCV	: 46 Vol%	40 - 50 Vol%
Platelet count	: 2.3 Lakhs/Cumm	1.5 - 4.5 Lakhs/Cumm
WBC Count	: 6,840 cells/cumm	4000 - 11000 cells/cumm

### DIFFERENTIAL COUNT

NEUTROPHILS	: 51 %	40-75 %
LYMPHOCYTES	: 43 %	20 - 45 %
EOSINOPHILS	: <b>01 %</b>	2-6 %
MONOCYTES	: 05 %	2-8 %
BASOPHILS	: 00 %	0 - 2 %

### SMEAR EXAMINATION

RBC	: Normocytic / Normochromic
WBC	: Within normal limits
Platelets	: Adequate

### BLOOD GROUPING & RH TYPING

BLOOD GROUP	: "O"	Agglutination
RH TYPING	: Positive	

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<b>Bill Date</b> : 07-Mar-22 09:32 am	<b>Bill No</b> : BIL118782
<b>Lab No</b> : 118782	<b>Result No</b> : RES300496
<b>Samp.Coll</b> : 07-Mar-22 09:40 am	<b>Auth. Tim</b> : 07-Mar-2022 1:45 pm
<b>Reported On</b> : 07-Mar-22 01:45 pm	

**Parameter**

**Result**

**Method**

PHH516

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## DEPARTMENT OF CLINICAL PATHOLOGY

<b>Patient Name</b> : Mr. SRIDHAR MADDURI	<b>Age /Sex</b> : 55 Y(s)/Male
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<b>Bill Date</b> : 07-Mar-22 09:32 am	<b>Bill No</b> : BIL118782
<b>Lab No</b> : 118782	<b>Result No</b> : RES300451
<b>Samp.Coll</b> : 07-Mar-22 09:40 am	<b>Auth. Tim</b> : 07-Mar-2022 1:45 pm
<b>Reported On</b> : 07-Mar-22 01:45 pm	

<u>Parameter</u>	<u>Result</u>	<u>Biological Reference Interval</u>	
<b>ESR - ERYTHROCYTE SEDIMENT RATE</b>			
ESR - ERYTHROCYTE SEDIMENTATION RATE	07	< 15 mm	
<b>COMPLETE URINE EXAMINATION</b>			
<b><u>PHYSICAL EXAMINATION:</u></b>			
Colour	Pale Yellow		
Appearance	Clear		
pH	6.0	5.5 - 7.0	pH indicator
Specific gravity	1.010	1.010 - 1.025	Bromthymol blue indicator
<b><u>CHEMICAL EXAMINATION:</u></b>			
Urine for Sugar	Nil	0 - 2.8 mmol/L	GOD-POD
Protein	Nil	0 - 0.15 g/L	protein error of indicator
Blood	Nil	0 - 10 Cells/ $\mu$ L	
Bilirubin	Nil	0 - 0 $\mu$ mol/L	Diazonium method
Ketone bodies	Nil	0 - 0 mmol/L	Nitroprusside reaction
<b><u>MICROSCOPIC EXAMINATION:</u></b>			
Pus Cells	<b>1-2</b>	0 - 5 /HPF	
Epithelial Cells	Nil	0 - 8 /HPF	
RBC COUNT	Nil	0 - 2 /HPF	
Casts	Nil		
Crystals	Nil		
Others	Nil		

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<b>Lab No</b> : 118782	<b>Result No</b> : RES300509
<b>Samp.Coll</b> : 07-Mar-22 09:40 am	<b>Auth. Tim</b> : 07-Mar-2022 2:15 pm
<b>Reported On</b> : 07-Mar-22 02:15 pm	

**Parameter**

**Result**

**Biological Reference** **Method**  
**Interval**

--- End Of Report ---



PHH552  
Verified by

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