

DEPARTMENT OF BIOCHEMISTRY

Patient Name : Mr. RAJARAMAN VENKATARAMAN	Age /Sex : 60 Y(s)/Male
Ref By : Dr. MARKANDEYULU AKURUTHI MBBS, DNB - Internal M	UMR No : UMR69357
Bill Date : 13-Apr-22 08:22 am	Bill No : BIL121703
Lab No : BIO/22/4/590	Result No : RES309184
Samp.Coll : 13-Apr-22 08:29 am	Auth. Tim : 13-Apr-2022 9:51 am
Reported On : 13-Apr-22 09:51 am	

<u>Parameter</u>	<u>Result</u>	<u>Biological Reference Interval</u>	<u>Method</u>
LIPID PROFILE: SERUM			
Triglycerides :	173	BorderLine : 150 - 199 mg/dl High : 200 - 500 mg/dl Normal : < 150 mg/dl	GPO-Trinder End Point
Total Cholesterol :	141	< 200 mg/dl	CHOD-PAP End Point
HDL Cholesterol :	44	Undesirable : < 40 Optimal : 40 - 59 Desirable : > 60	Enzymatic
VLDL Cholesterol :	34	2 - 30 mg/dl	
LDL Cholesterol :	63	0 - 100 mg/dl	
Cholestrol / HDL Ratio :	3.2	1.0 - 3.5	
BLOOD SUGAR FASTING AND POST PRANDIAL			
Fasting Blood Sugar :	106	60 - 110 mg/dl	GOD-POD
Blood Sugar Post Prandial :	110	110 - 140 mg/dl	
Serum Creatinine :	0.5	0.4 - 1.4 mg/dl	Jaffe Kinetic
LFT- LIVER FUNCTION TESTS			
Total Bilirubin :	0.7	0.2 - 1.2 mg/dl	Diazo
Direct Bilirubin :	0.2	0.0 - 0.3 mg/dl	Diazo
Indirect Bilirubin :	0.5	0.2 - 0.7 mg/dL	
SGPT :	15	05 - 40 IU/L	IFCC - Kinetic
SGOT :	17	05 - 40 IU/L	IFCC - Kinetic
AST / ALT -Ratio :	1.1		
Alkaline Phosphatase :	111	70 - 110 U/L	DGKC

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Total Protein :	7.4	6.4 - 8.3 gm/dl	Biuret Method
Serum Albumin :	4.8	3.5 - 5.2 gm/dl	BCG Dye
Serum Globulin :	2.6	2.0 - 3.5 g/dL	
Albumin / Globulin Ratio :	1.8	1.2 - 2.2	
Serum Uric Acid :	4.4	3.5 - 7.2 mg/dl	Uricase-Peroxidase
Blood Urea Nitrogen(BUN) :	7.9	6 - 21 mg/dl	
HbA1c :	5.9	Non Diabetic : 4 - 6 Good Control : 6 - 7 Fair Control : 7 - 8 Poor Control : 8 - 10	Immunoturbidimetry
THYROID PROFILE			
T3-Free (Tri-iodothyronine-Free) :	3.2	2.0 - 4.2 pg/mL	C L I A
T4-Free (Thyroxine - Free) :	12.4	8.9 - 17.2 pg/ml	C L I A
TSH(Thyroid Stimulating Hormone). :	1.4	0.3 - 4.5 µIU/ml	C L I A
PROSTATE SPECIFIC ANTIGEN(PSA) :	1.00	0.22 - 6.16 ng/ml	ELFA

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Bill Date : 13-Apr-22 08:22 am	Bill No : BIL121703
Lab No : 121703	Result No : RES309199
Samp.Coll : 13-Apr-22 08:29 am	Auth. Tim : 13-Apr-2022 10:57 am
Reported On : 13-Apr-22 10:57 am	

<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 ---

PHH8506



Dr.M. VISWANATH
MD(PATHOLOGIST)
CONSULTANT PATHOLOGIST

Dr.B PRATHYUSHA
MD BIOCHEMIST
CONSULTANT BIOCHEMIST

Dr.SAMATHA
MD Microbiology
CONSULTANT MICROBIOLOGIST

DEPARTMENT OF HAEMATOLOGY

Patient Name : Mr. RAJARAMAN VENKATARAMAN	Age /Sex : 60 Y(s)/Male
Ref By : Dr. MARKANDEYULU AKURUTHI MBBS, DNB - Internal M	UMR No : UMR69357
Bill Date : 13-Apr-22 08:22 am	Bill No : BIL121703
Lab No : HEM/22/4/396	Result No : RES309181
Samp.Coll : 13-Apr-22 08:29 am	Auth. Tim : 13-Apr-2022 9:40 am
Reported On : 13-Apr-22 09:40 am	

<u>Parameter</u>	<u>Result</u>	<u>Biological Reference Interval</u>
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COMPLETE BLOOD PICTURE

Haemoglobin	: 12.6 gm%	13.0 - 17.0 gm%
RBC Count	: 4.3 Millions/cumm	4.5-6.5 Millions/cumm
PCV	: 36 Vol%	40 - 50 Vol%
Platelet count	: 2.7 Lakhs/Cumm	1.5 - 4.5 Lakhs/Cumm
WBC Count	: 7,110 cells/cumm	4000 - 11000 cells/cumm

DIFFERENTIAL COUNT

NEUTROPHILS	: 56 %	40-75 %
LYMPHOCYTES	: 34 %	20 - 45 %
EOSINOPHILS	: 03 %	2-6 %
MONOCYTES	: 07 %	2-8 %
BASOPHILS	: 00 %	0 - 2 %

SMEAR EXAMINATION

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

BLOOD GROUPING & RH TYPING

BLOOD GROUP	: "A"	Agglutination
RH TYPING	: POSITIVE	

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Bill Date : 13-Apr-22 08:22 am	Bill No : BIL121703
Lab No : 121703	Result No : RES309183
Samp.Coll : 13-Apr-22 08:29 am	Auth. Tim : 13-Apr-2022 9:40 am
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Parameter

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PHH552



Dr.M. VISWANATH
MD(PATHOLOGIST)
CONSULTANT PATHOLOGIST

Dr.B PRATHYUSHA
MD BIOCHEMIST
CONSULTANT BIOCHEMIST

Dr.SAMATHA
MD Microbiology
CONSULTANT MICROBIOLOGIST

DEPARTMENT OF CLINICAL PATHOLOGY

Patient Name : Mr. RAJARAMAN VENKATARAMAN	Age /Sex : 60 Y(s)/Male
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Bill Date : 13-Apr-22 08:22 am	Bill No : BIL121703
Lab No : 121703	Result No : RES309188
Samp.Coll : 13-Apr-22 08:29 am	Auth. Tim : 13-Apr-2022 10:19 am
Reported On : 13-Apr-22 10:19 am	

<u>Parameter</u>	<u>Result</u>	<u>Biological Reference Interval</u>	
ESR - ERYTHROCYTE SEDIMENT RATE			
ESR - ERYTHROCYTE SEDIMENTATION RATE	42	< 15 mm	
COMPLETE URINE EXAMINATION			
<u>PHYSICAL EXAMINATION:</u>			
Colour	:	Pale Yellow	
Appearance	:	Clear	
pH	:	7.5	5.5 - 7.0 pH indicator
Specific gravity	:	1.015	1.010 - 1.025 Bromthymol blue indicator
<u>CHEMICAL EXAMINATION:</u>			
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/ μ L
Bilirubin	:	Nil	0 - 0 μ mol/L Diazonium method
Ketone bodies	:	Negative	0 - 0 mmol/L Nitroprusside reaction
<u>MICROSCOPIC EXAMINATION:</u>			
Pus Cells	:	1-2	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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Bill Date	: 13-Apr-22 08:22 am	Bill No	: BIL121703
Lab No	: 121703	Result No	: RES309205
Samp.Coll	: 13-Apr-22 08:29 am	Auth. Tim	: 13-Apr-2022 11:10 am
Reported On	: 13-Apr-22 11:10 am		

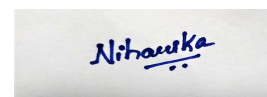
Parameter

Result

Biological Reference Interval **Method**

--- End Of Report ---

PHH552
Verified by



Dr. Y NIHARIKA REDDY, M.D PATHOLOGY
CONSULTANT PATHOLOGIST

Dr.M. VISWANATH
MD(PATHOLOGIST)
CONSULTANT PATHOLOGIST

Dr.B PRATHYUSHA
MD BIOCHEMIST
CONSULTANT BIOCHEMIST

Dr.SAMATHA
MD Microbiology
CONSULTANT MICROBIOLOGIST