



## DEPARTMENT OF LABORATORY MEDICINE

**MRN** : 20110000012563 **Department** : EXT  
**Name** : Mahalakshmi T V **Specimen** : SERUM  
**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : J02205170007 **Collected On** : 17/05/2022 09:26 AM  
**Consulting DR** : EXTERNAL **Referred DR** : Dr.EXTERNAL  
**Patient Address** : #90/6-1,MAHALAKSHMI NILAYA MODEL **Received On** : 17/05/2022 11:57 AM  
HOUSE ST BASAVANAGUDI Bangalore **Reported On** : 17/05/2022 01:02 PM  
Urban Bengaluru Karnataka,India **Report Type** : Final

### BIOCHEMISTRY

Test	Result	Unit	Biological Reference Interval
BLOOD UREA NITROGEN (BUN) - Endpoint/Colorimetric – Urease	10	mg/dL	7.0-17.0
FASTING BLOOD SUGAR (FBS) - Colorimetric - Glucose Oxidase peroxidase	89	mg/dL	Normal: 70-99 Pre-diabetes: 100-125 Diabetes: $\geq$ 126 ADA standards 2020
URIC ACID - Colorimetric - Uricase,Peroxidase	4.71	mg/dL	2.50-6.20

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*Dr. lyshwarya U*

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*Mrs. Latha B.S*

Mrs.Latha B.S  
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These tests are auto-approved



## DEPARTMENT OF LABORATORY MEDICINE

**MRN** : 20110000012563 **Department** : EXT  
**Name** : Mahalakshmi T V **Specimen** : PLASMA  
**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : J02205170015 **Collected On** : 17/05/2022 11:09 AM  
**Consulting DR** : EXTERNAL **Referred DR** : Dr.EXTERNAL  
**Patient Address** : #90/6-1,MAHALAKSHMI NILAYA MODEL **Received On** : 17/05/2022 02:39 PM  
HOUSE ST BASAVANAGUDI Bangalore **Reported On** : 17/05/2022 02:59 PM  
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Test	Result	Unit	Biological Reference Interval
POST PRANDIAL BLOOD SUGAR (PPBS) - Colorimetric - Glucose Oxidase peroxidase	<b>61</b> L	mg/dL	Normal: 70-139 Pre-diabetes: 140-199 Diabetes: $\geq$ 200 ADA standards 2020

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**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : J02205170008 **Collected On** : 17/05/2022 09:26 AM  
**Consulting DR** : EXTERNAL **Referred DR** : Dr.EXTERNAL  
**Patient Address** : #90/6-1,MAHALAKSHMI NILAYA MODEL **Received On** : 17/05/2022 11:57 AM  
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Test	Result	Unit	Biological Reference Interval
<b>HbA1c</b>			
HbA1c - (HPLC NGSP Certified)	<u>5.7</u> H	%	Normal: 4.0-5.6 Prediabetes: 5.7-6.4 Diabetes: $\geq$ 6.5 ADA standards 2020
Estimated Average Glucose	116.89	.	

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Test	Result	Unit	Biological Reference Interval
<b>LIPID PROFILE (CHOL,TRIG,HDL,LDL,VLDL)</b>			
CHOLESTEROL TOTAL - Colorimetric - Cholesterol Oxidase	<b>261</b> H	mg/dL	Desirable: < 200 Borderline High: 200-239 High: > 240
TRIGLYCERIDES - LPL/GK	120	mg/dL	Normal: < 150 Borderline: 150-199 High: 200-499 Very High: > 500
HDL CHOLESTROL (HDLC) - Colorimetric: Non HDL precipitation phosphotungstic acid method	60	mg/dL	40-60
NON-HDL CHOLESTEROL	<b>201</b> H	mg/dl	Desirable: < 130 Above Desirable: 130-159 Borderline High: 160-189 High: 190-219 Very High: >= 220
LDL CHOLESTEROL - Colorimetric Method	<b>166</b> H	mg/dL	Optimal: < 100 Near to above optimal: 100-129 Borderline High: 130-159 High: 160-189 Very High: > 190
VLDL CHOLESTEROL - Calculated	24.00	mg/dL	0-40
CHOLESTEROL /HDL RATIO - Calculated	4.35		0.0-5.0

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<b>LIVER FUNCTION TEST(LFT)</b>			
BILIRUBIN TOTAL - Colorimetric -Diazo Method	0.60	mg/dL	0.2-1.3
CONJUGATED BILIRUBIN (DIRECT) - Dual Wavelength - Reflectance Spectrophotometry	0.10	mg/dL	0-0.4
UNCONJUGATED BILIRUBIN (INDIRECT) - Calculated	0.50	mg/dl	0.0-1.1
TOTAL PROTEIN - Colorimetric - Biuret Method	7.50	gm/dL	6.3-8.2
SERUM ALBUMIN - Colorimetric - Bromo-Cresol Green	4.50	gm/dL	3.5-5.0
SERUM GLOBULIN - Calculated	3.00	gm/dL	2.0-3.5
ALBUMIN TO GLOBULIN (A/G)RATIO - ALBUMIN TO GLOBULIN (A/G)RATIO - Calculated	1.50		1.0-2.1
SGOT (AST) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	<b>38 H</b>	U/L	14-36
SGPT (ALT) - Multipoint-Rate with P-5-P (pyridoxal-5-phosphate)	22	U/L	< 35
ALKALINE PHOSPHATASE (ALP) - Multipoint-Rate - p-nitro phenyl Phosphate, AMP buffer	62	U/L	38-126
GAMMA GLUTAMYL TRANSFERASE (GGT) - Multipoint Rate - L-γ-glutamyl-p-nitroanilide ( Szasz Method)	17	U/L	12-43

Notes : Indirect Bilirubin result is a calculated parameter (Indirect Bilirubin = Total Bilirubin - Direct Bilirubin). Indirect bilirubin result includes the delta bilirubin fraction also. Delta Bilirubin is the bilirubin which is covalently bound to albumin. Delta Bilirubin is not expected to be present in healthy adults or neonates.

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<b>SERUM CREATININE</b>			
Serum Creatinine - Enzymatic Two point rate - creatinine Amidohydrolase	0.60	mg/dl	0.52-1.04
eGFR - Calculated	102.84	mL/min/1.73 m <sup>2</sup>	Indicative of renal impairment : < 60 Note:eGFR is inaccurate for Hemodynamically unstable patients eGFR is not applicable for less than 18 years of age.

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Test	Result	Unit	Biological Reference Interval
<b>THYROID PROFILE (T3, T4, TSH)</b> Enhanced chemiluminescence			
TRI IODO THYRONINE (T3)	1.07	ng/mL	0.97-1.69
THYROXINE (T4)	5.8	µg/dl	5.53-11.0
TSH (THYROID STIMULATING HORMONE)	<u>52.720</u> H	µIU/mL	0.400-4.049 1st Trimester 0.129-3.120 2nd Trimester 0.274-2.652 3rd Trimester 0.312-2.947

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Associate Consultant  
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**Name** : Mahalakshmi T V **Specimen** : WHOLE BLOOD  
**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : JJ2205170001 **Collected On** : 17/05/2022 09:26 AM  
**Consulting DR** : EXTERNAL **Referred DR** : Dr.EXTERNAL  
**Patient Address** : #90/6-1,MAHALAKSHMI NILAYA MODEL **Received On** : 17/05/2022 11:53 AM  
HOUSE ST BASAVANAGUDI Bangalore **Reported On** : 17/05/2022 12:14 PM  
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### BLOOD BANK

Test	Result	Unit	Biological Reference Interval
<b>BLOOD GROUP &amp; RH TYPING</b>			
Blood Group	A		
Rh Typing	POS		



Dr. Prathip Kumar B RCONSULTANT





**DEPARTMENT OF LABORATORY MEDICINE**

**MRN** : 20110000012563 **Department** : EXT  
**Name** : Mahalakshmi T V **Specimen** : URINE  
**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : J62205170003 **Collected On** : 17/05/2022 09:26 AM  
**Consulting DR** : EXTERNAL **Referred DR** : Dr.EXTERNAL  
**Patient Address** : #90/6-1,MAHALAKSHMI NILAYA MODEL **Received On** : 17/05/2022 12:08 PM  
HOUSE ST BASAVANAGUDI Bangalore **Reported On** : 17/05/2022 01:54 PM  
Urban Bengaluru Karnataka,India **Report Type** : Final

**CLINICAL PATHOLOGY**

Test	Result	Unit	Biological Reference Interval
URINE FOR SUGAR (FASTING)	Negative		

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**Name** : Mahalakshmi T V **Specimen** : URINE  
**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : J62205170005 **Collected On** : 17/05/2022 12:00 PM  
**Consulting DR** : EXTERNAL **Referred DR** : Dr.EXTERNAL  
**Patient Address** : #90/6-1,MAHALAKSHMI NILAYA MODEL **Received On** : 17/05/2022 02:39 PM  
HOUSE ST BASAVANAGUDI Bangalore **Reported On** : 17/05/2022 03:18 PM  
Urban Bengaluru Karnataka,India **Report Type** : Final

Test	Result	Unit	Biological Reference Interval
URINE FOR SUGAR (POST PRANDIAL)	Negative		

*Hema S*

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<b>Name</b> : Mahalakshmi T V	<b>Specimen</b> : URINE
<b>Age / Sex</b> : 60 Year(s) / Female	<b>Visit Type</b> : OP
<b>Sample No</b> : J62205170003	<b>Collected On</b> : 17/05/2022 09:26 AM
<b>Consulting DR</b> : EXTERNAL	<b>Referred DR</b> : Dr.EXTERNAL
<b>Patient Address</b> : #90/6-1,MAHALAKSHMI NILAYA MODEL HOUSE ST BASAVANAGUDI Bangalore Urban Bengaluru Karnataka,India	<b>Received On</b> : 17/05/2022 12:08 PM
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Test	Result	Unit	Biological Reference Interval
<b>URINE ROUTINE &amp; MICROSCOPY</b>			
<b>PHYSICAL EXAMINATION(Manual Method)</b>			
Volume	30	ml	
Colour	Pale yellow		
Appearance	Clear		
Sp. Gravity - Automated	1.010		1.002-1.03
<b>CHEMICAL EXAMINATION(Automated Dipstick Method)</b>			
pH(REACTION) - pH indicator method	6.0		4.8-7.5
Protein ,Error of indicators	Negative		
Urine Glucose - GOD/POD	Negative	.	
Ketone Bodies ,Rothers's principle	Negative		
Sp. Gravity - Automated	1.010		1.002-1.03
Bile Salts ,Diazo reaction	Negative		
Bile Pigment (Bilirubin) ,Diazo reaction	Negative		
Urobilinogen ,Modified Ehrlich's reaction	Normal		
Blood Urine ,Peroxidase reaction	Negative		
Urine Leucocyte Esterase ,Esterase reaction with pyrrole compound	Negative		
Nitrite ,Reaction with diazonium compound	Negative		
<b>MICROSCOPIC EXAMINATION</b>			

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**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : J62205170003 **Collected On** : 17/05/2022 09:26 AM  
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Test	Result	Unit	Biological Reference Interval
Pus Cells	3-4/hpf	/HPF	0-2
Epithelial Cells	<u>occasional</u> L	/HPF	2-3

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## DEPARTMENT OF LABORATORY MEDICINE

**MRN** : 20110000012563 **Department** : EXT  
**Name** : Mahalakshmi T V **Specimen** : WHOLE BLOOD ESR  
**Age / Sex** : 60 Year(s) / Female **Visit Type** : OP  
**Sample No** : J32205170003 **Collected On** : 17/05/2022 09:26 AM  
**Consulting DR** : EXTERNAL **Referred DR** : Dr.EXTERNAL  
**Patient Address** : #90/6-1,MAHALAKSHMI NILAYA MODEL **Received On** : 17/05/2022 11:57 AM  
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### HAEMATOLOGY

Test	Result	Unit	Biological Reference Interval
ERYTHROCYTE SEDIMENTATION RATE (ESR) - Westergren Method	7.00	mm/hr	0-19

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<b>Age / Sex</b>	: 60 Year(s) / Female	<b>Visit Type</b>	: OP
<b>Sample No</b>	: J32205170004	<b>Collected On</b>	: 17/05/2022 09:26 AM
<b>Consulting DR</b>	: EXTERNAL	<b>Referred DR</b>	: Dr.EXTERNAL
<b>Patient Address</b>	: #90/6-1,MAHALAKSHMI NILAYA MODEL HOUSE ST BASAVANAGUDI Bangalore Urban Bengaluru Karnataka,India	<b>Received On</b>	: 17/05/2022 11:57 AM
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Test	Result	Unit	Biological Reference Interval
<b>COMPLETE BLOOD COUNT (CBC)</b>			
HAEMOGLOBIN (Hb%) - Photometric Measurement	13.00	g/dL	12.0-15.0
RED BLOOD CELL COUNT - Electrical Impedance	4.62	millions/ $\mu$ L	3.8-4.8
PCV (PACKED CELL VOLUME) / HEMATOCRIT - Calculated	38.7	%	36.0-46.0
MCV (MEAN CORPUSCULAR VOLUME) - Derived	83.7	fl	80.0-100.0
MCH (MEAN CORPUSCULAR HAEMOGLOBIN) - Calculated	28.00	pg	27.0-32.0
MCHC (MEAN CORPUSCULAR HAEMOGLOBIN CONCENTRATION) - Calculated	33.50	%	31.5-34.5
RED CELL DISTRIBUTION WIDTH (RDW) - Derived	13.90	%	11.6-14.0
PLATELET COUNT - Electrical Impedance plus Microscopy	259	Thousand / $\mu$ L	150-450
TOTAL LEUKOCYTE COUNT (TLC) - Electrical Impedance	5.3	Thousand / $\mu$ L	4.0-10.0
<b>DIFFERENTIAL COUNT (DC) VCS Technology plus Microscopy</b>			
Neutrophils	63.7	%	40-75
Lymphocytes	24.9	%	20-40
Monocytes	6.7	%	2-10
Eosinophils	3.4	%	1-6
Basophils	1.3	%	0-2

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		<b>Reported On</b>	:
		<b>Report Type</b>	:

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**Note:**  
Abnormal results are highlighted.  
Results relate to the sample only.  
Kindly correlate clinically.

-- End of Report --