



PREMIER MEDICAL LABORATORY, INC
 35-37 Progress St., Suite B6
 Edison, NJ 08820
 Ph# (908) 754-4300
 Fx# (908) 754-4301

COMPLETE

Doctor:	Premier Medical Laboratory	Patient:	TEST, PATIENT	Acc #:	841110
Address:	35-37 Progress St., ste A2	Birth:	01/01/1950	Home Phone:	
CSZ:	Edison, NJ 08820	Age:	73	Collection Date:	02/28/2023 08:00 AM
Location:		Gender:	Female	Received Date:	02/28/2023 10:42 AM

Result Comment:

Test Name	In Range	Outside Range	Reference Range	Units
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CBC W/AUTOMATED DIFF

Reported: 02/28/2023 11:03 AM

WBC	5.0		4.5 - 11.5	10 ³ /uL
RBC	5.0		4 - 5.4	10 ⁶ /uL
HEMOGLOBIN	15.0		12 - 15	g/dL
HEMATOCRIT	40.0		35 - 49	%
MCV	90.0		80 - 100	fL
MCH	30.0		26.0-32.0	pg
MCHC	35.0		32.0-36.0	g/dL
RDW		10.0	LOW	11.5 - 14.5
PLATELET	400		150-450	10 ³ /uL
MPV	10.0		8.9 - 13.0	FL
NEUTROPHIL		75.0	HIGH	50 - 70
MONOCYTE	10.0		2 - 11	%
EOSINOPHIL		4.00	HIGH	0 - 3.0
LYMPHOCYTE	20.0		18 - 42	%
BASOPHIL	1.0		0.0-2.0	%
SICKLE CELLS		2+		

RETICULOCYTE COUNT

1.00

0.60-2.60

%

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SED RATE

10

0 - 30

MM/HR

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PT/INR

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PT		50.0	HIGH	9.9 - 12.3	seconds
INR	1.0			0.9 - 1.1	

THERAPEUTIC RANGE
 FOR STABILIZED PATIENT
 ON ORAL ANTICOAGULANT
 INR: 2.0 - 3.0
 PATIENT WITH MECHANICAL
 PROSTHETIC HEART VALVE
 INR: 2.5 - 3.5

APTT

26.0

23.9 - 30.7

seconds

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METABOLIC COMPREHENSIVE

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GLUCOSE	80		65 - 99	mg/dL
SODIUM	140		136 - 145	mmol/L

FASTING RANGE AS RECOMMENDED BY THE AMERICAN
 DIABETES ASSOCIATION

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Laboratory Director for NYS + NJ



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POTASSIUM	5.0		3.5 - 5.1	mmol/L
CHLORIDE	100		98-107	mmol/L
CARBON DIOXIDE	25		21-32	mmol/L
BUN		25 HIGH	7-18	mg/dL

Ranges recommended by Mayo Clinic
 Males 1-17 years: 7-20 mg/dL
 > or =18 years: 8-24 mg/dL
 Females 1-17 years: 7-20 mg/dL
 > or =18 years: 6-21 mg/dL

CREATININE		1.50 HIGH	0.55 - 1.02	mg/dL
BUN/CREAT RATIO	20.0		6.0-24.0	RATIO
CALCIUM	10.0		8.5 - 10.1	mg/dL
PROTEIN TOTAL	8.0		6.4 - 8.2	g/dL
ALBUMIN	4.0		3.4-5.0	g/dL
GLOBULIN	4.0		2.0-4.0	gm/dL
A/G RATIO	1.0		1.0 - 1.8	RATIO
BILIRUBIN TOTAL	1.0		0.2 - 1.0	mg/dL
ALKALINE PHOSPHATASE	50		45 - 117	U/L

REFERENCE RANGE FOR CHILDREN:
 LESS THAN 350 U/L

ALT (SGPT)	15		13 - 56	U/L
AST (SGOT)	15		15-37	U/L
GFR CALCULATION		36.2 LOW	>=60	

REFERENCE RANGE FOR GFR&GFR1

>=60 ML/MIN/1.73M2

GFR1 CALCULATION		43.8 LOW	>=60	
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THE GFR1 CALCULATION IS FOR AFRICAN-AMERICANS. THE REFERENCE RANGE IS ONLY FOR PATIENTS BETWEEN THE AGES OF 18 AND 72,AS RECOMMENDED BY THE NATIONAL KIDNEY FOUNDATION

AMYLASE SERUM	50		25 - 115	U/L
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LIPASE SERUM	80		73 - 393	U/L
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PHOSPHORUS SERUM	3.0		2.5 - 4.9	mg/dL
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URIC ACID	6.0		2.6 - 6.0	mg/dL
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IRON/TIBC

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IRON	100		50 - 170	ug/dL
TIBC	300		250 - 450	ug/dL
TRANSFERRIN SATURATION %	30		20-50	%
HB A1C	5.5		<5.7	%
New ADA Guidelines: Normal: less than 5.7%, Prediabetes: 5.7% to 6.4%, Diabetes: 6.5% or higher				
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INSULIN	20.0		<29.1	uIU/mL
Reported: 02/28/2023 11:02 AM				
LIPID PANEL				
Reported: 02/28/2023 11:02 AM				
CHOLESTEROL		205 HIGH	<200	mg/dL
DESIRABLE : < 200 mg/dL BORDERLINE : 200-240 mg/dL HIGH RISK: > 240 mg/dL				
TRIGLYCERIDES		155 HIGH	<150	mg/dL
RECOMMENDED RANGES				

DESIRABLE : < 150				
BORDERLINE HIGH : 150 - 199				
HIGH : 200 - 499				
VERY HIGH : > 500				
HDL	65		>=60	mg/dL
RECOMMENDED RANGES (mg/dL)				

DESIRABLE : > 60				
BORDERLINE :				
MALES 40-60				
FEMALES 50-60				
HIGH RISK :				
MALES < 40				
FEMALES < 50				
VLDL CALCULATED	31		8 - 41	mg/dL
CHOL / HDL Ratio	3			
CALCULATED LDL	109		20 - 130	mg/mL
THYROXINE (T4)	10.0		4.8 - 13.9	ug/dL
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FREE T4	1.00		0.76 - 1.46	ng/dL
Reported: 02/28/2023 11:02 AM				
T3 TOTAL	1.00		.60 - 1.81	ng/mL
Euthyroid: 0.60 - 1.81 ng/mL Hypothyroid: <0.60 ng/mL				

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Hyperthyroid: >1.81 ng/mL
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TSH (Ultra Sen)	4.000	HIGH	0.358 - 3.740	uIU/mL
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FREE T3	5.00	HIGH	2.18 - 3.98	pg/mL
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VITAMIN B12/FOL

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VITAMIN B-12	200		193 - 986	pg/mL
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FOLIC ACID	10.0		3.1 - 17.5	ng/mL
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VITAMIN D,25-HYDROXY	50.00		30-100	ng/mL
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RF	10.00		<15	IU/mL
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CRP CARDIAC	2.0		0-3.0	mg/L
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REFERENCE RANGE FOR HS-CRP LEVEL

 < 1 MG/L LOW RISK
 1-3 MG/L MODERATE RISK
 > 3 MG/L HIGH RISK

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MICROALBUMIN/CREAT RATIO

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MICROALBUMIN, RANDOM URINE	20.0		0 - 23.0	mg/L
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CREATININE URINE	100		20 - 320	mg/dL
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ALBUMIN / CREATNINE Ratio	20.0		0.0-29.9	mg alb./g creat.
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Normal Range Based on NIH guidelines

**URINALYSIS AUTOMATED
 MICROSCOPY WITHOUT REFLEX**

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EPITHELIAL CELLS	0-2		0 - 10	/ HPF
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BACTERIA	OCC		NONE SEEN - FEW	
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WBC	0-5		0 - 5	/ HPF
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RBC	0-3		0 - 3	/ HPF
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HYALINE CASTS	NONE SEEN		NONE SEEN - RARE	
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PATHOLOGIC CASTS	NOT PRESENT		NOT PRESENT	
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SPERMATOZOA	NOT PRESENT		NOT PRESENT	
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SMALL ROUND CELLS	NOT PRESENT		NOT PRESENT	
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CRYSTALS	NOT PRESENT		NOT PRESENT	
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YEAST-LIKE CELLS	NOT PRESENT		NOT PRESENT	
IgE TOTAL	10.0		0 - 20.4	IU/mL
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DIGOXIN	1.0		0.8 - 2.0	ng/mL
THERAPEUTIC RANGE: 0.9 - 2.0 ng/mL				
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Out of Range Results:			
Test Name	Result	Flag	Reference Range
RDW	10.0	LOW	11.5 - 14.5
NEUTROPHIL	75.0	HIGH	50 - 70
EOSINOPHIL	4.00	HIGH	0 - 3.0
SICKLE CELLS	2+	ABNORMAL	
PT	50.0	HIGH	9.9 - 12.3
BUN	25	HIGH	7-18
CREATININE	1.50	HIGH	0.55 - 1.02
GFR CALCULATION	36.2	LOW	>=60
GFR1 CALCULATION	43.8	LOW	>=60
CHOLESTEROL	205	HIGH	200
TRIGLYCERIDES	155	HIGH	150
TSH (Ultra Sen)	4.000	HIGH	0.358 - 3.740
FREE T3	5.00	HIGH	2.18 - 3.98

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