



Medicover Hospital, Opp.Nexa Showroom,
DNo:23-6-156,23-6-156/1&23-6-156/2,
SNo.126,128,129,131,132,133,134&136, Hunter road,
Hanamkonda, Warangal , Telangana, 506319, Warangal

LABORATORY REPORT : BIOCHEMISTRY

Name	: Mrs. GAJJELA SWATHI	Age /Sex	: 33Y Y(s)/FEMALE
Bill Date	: 09-Nov-2024 09:25 AM	UMR No.	: 652411000177
Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:29 AM	Result No	: RWL241101105
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014573
Sample Type	: SERUM		

HBA1C (GLYCOSYLATED HAEMOGLOBIN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HBA1C <i>HPLC</i>	5.2	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
MPG(Mean Plasma Glucose) <i>Derived from HBA1c value</i>	107.82	" Excellent Control : 90 - 120 mg/dl Good Control : 121 - 150 "	mg/dl

*** End Of Report ***


DR. MANCHALA LATA
CONSULTANT PATHOLOGIST



LABORATORY REPORT : BIOCHEMISTRY

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Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101111
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014579
Sample Type	: SERUM		

SERUM URIC ACID

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
SERUM URIC ACID <i>uricase</i>	3.4	2.4-5.7	mg/dL

*** End Of Report ***


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LABORATORY REPORT : BIOCHEMISTRY

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Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101112
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014579
Sample Type	: SERUM		

LFT(LIVER FUNCTION TEST)

Parameters	Result	Reference Range	Units
TOTAL BILIRUBIN <i>DIAZO</i>	0.59	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.20	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.39	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	33	<=33	U/L
SGOT (AST) <i>UV without P5P</i>	28	<= 32	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	88	35 - 105	U/L
TOTAL PROTEINS <i>Biuret method</i>	7.25	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	4.23	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	3.0	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.41	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	36	6-42	U/L


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Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101112
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014579
Sample Type	: SERUM		

*** End Of Report ***



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LABORATORY REPORT : BIOCHEMISTRY

Name	: Mrs. GAJJELA SWATHI	Age /Sex	: 33Y Y(s)/FEMALE
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Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 01:14 PM	Result No	: RWL241101113
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014579
Sample Type	: SERUM		

T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
T3 ECLIA	1.25	0.8 - 2.0	ng/mL
T4 ECLIA	10.07	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	5.01 *	0.270 - 4.20	uIU/mL

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Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101115
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014579
Sample Type	: SERUM		

SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
CREATININE <i>Jaffe</i>	0.55	0.7-1.2	mg/dL

*** End Of Report ***


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Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101108
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014576
Sample Type	: PLASMA		

FBS (FASTING BLOOD GLUCOSE WITH URINE GLUCOSE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
FASTING BLOOD GLUCOSE <i>Hexokinase</i>	81	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL

*** End Of Report ***


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Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101116
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014579
Sample Type	: SERUM		

LIPID PROFILE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	148.6	Desirable : : < 200 mg/dL Borderline High : : 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL <i>Homogeneous enzymatic colorimetric</i>	31.2	Low : : < 40 mg/dL High : : > 60 mg/dL	mg/dL
LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	106.7 *	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL Borderline High:130-159 mg/dl	mg/dL
VLDL <i>Calculation</i>	18.2	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	91.2	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
CHO/HDL RATIO <i>Calculation</i>	4.76 *	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO	3.42		

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LABORATORY REPORT : BIOCHEMISTRY

Name	: Mrs. GAJJELA SWATHI	Age /Sex	: 33Y Y(s)/FEMALE
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Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101117
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014579
Sample Type	: SERUM		

BUN(BLOOD UREA NITROGEN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
BLOOD UREA <i>Urease kinetic</i>	14.2 *	16.6 - 48.5	mg/dL

*** End Of Report ***


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LABORATORY REPORT : BIOCHEMISTRY

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Bill Date	: 09-Nov-2024 09:25 AM	UMR No.	: 652411000177
Rec. Dt	: 09-Nov-2024 12:20 PM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 02:47 PM	Result No	: RWL241101138
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014593
Sample Type	: PLASMA		

PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
URINE SUGAR <i>Dipstick Urine</i>	Nil	Nil	
PLBS (POST LUNCH BLOOD SUGAR WITH URINE SUGAR) <i>Hexokinase</i>	98 *	110-180 mg/dL	mg/dL

*** End Of Report ***


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LABORATORY REPORT : BLOOD BANK

Name	: Mrs. GAJJELA SWATHI	Age /Sex	: 33Y Y(s)/FEMALE
Bill Date	: 09-Nov-2024 09:25 AM	UMR No.	: 652411000177
Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:07 AM	Result No	: RWL241101107
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014575
Sample Type	: WHOLE BLOOD		

BLOOD GROUPING AND RH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
BLOOD GROUP <i>Automated microcolumn gel method</i>	B		
RH TYPE	POSITIVE		

INTERPRETATION

1. If Rh is Du positive it is best considered as Rh negative as recipient and Rh positive as donor. Proper Cross matching is recommended before transfusion.
2. In case of forward and reverse grouping discrepancy, clinical correlation and repeat sample analysis is recommended.
3. For Infants below 6 months only forward grouping is performed.
4. A sub-grouping is recommended after the age of 6 months.

*** End Of Report ***


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LABORATORY REPORT : CLINICAL PATHOLOGY

Name	: Mrs. GAJJELA SWATHI	Age /Sex	: 33Y Y(s)/FEMALE
Bill Date	: 09-Nov-2024 09:25 AM	UMR No.	: 652411000177
Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101110
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014578
Sample Type	: URINE		

CUE(COMPLETE URINE EXAMINATION)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<u>PHYSICAL EXAMINATION</u>			
VOLUME	20 ml	10 ml to 25 ml	ml
COLOUR	Yellow	PALE YELLOW	
APPEARANCE	Clear	CLEAR	
<u>CHEMICAL EXAMINATION</u>			
SPECIFIC GRAVITY <i>Bromthymol blue</i>	1.020	1.000 - 1.030	
PH <i>Bromthymol blue</i>	5.0	5.0 - 8.0	
PROTEIN <i>Tetra-bromophenol blue/Heat coagulation test</i>	Nil	NIL (<15 mg/dL)	
GLUCOSE <i>Glucose oxidase Peroxidase/Benedict?s test</i>	Nil	NIL (<25 mg/dL)	
UROBILINOGEN <i>Diazonium salt</i>	Nil	NIL	
KETONE <i>Sodium nitroprusside/Rothera?s test.</i>	Nil	NIL (<5 mg/dL)	


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Rept. Dt	: 09-Nov-2024 11:15 AM	Result No	: RWL241101110
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014578
Sample Type	: URINE		

BILIRUBIN Nil NIL (<0.5 mg/dL)
Diazonium salt/Fouchets test

NITRITE Negative NEGATIVE
Sulfanilic acid

MICROSCOPIC EXAMINATION

PUS CELLS	2-3	0 - 5 /hpf	
RBC	Nil	0 - 5 /hpf	
EPITHELIAL CELLS	1-2	0 - 5	hpf
CRYSTALS	Nil	NIL	
CASTS	Nil	NIL	
OTHERS	Nil	NIL	

INTERPRETATION

The colour fields of chemicals correspond to the following values:

1. Proteins: neg (negative), 30-99 (+), 100-499 (++) , >500 (+++) mg/dl
2. Ketones: neg. (negative), 5 (Trace), 15-49 (+), 50-149 (++) , >150 (+++) mg/dl
3. Glucose: norm. (normal), 50-149 (+), 150-499 (++) , 500-999 (+++) , >1000 (++++) mg/dl
4. Bilirubin: neg (negative), 1 (+), 3 (++) , 6 (+++) mg/ dl
5. Urobilinogen: norm. (normal), 2 (+), 4 (++) , 8 (+++) , 12 (++++) mg/dl.

*** End Of Report ***


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LABORATORY REPORT : HAEMATOLOGY

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Bill Date	: 09-Nov-2024 09:25 AM	UMR No.	: 652411000177
Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:07 AM	Result No	: RWL241101106
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014574
Sample Type	: WHOLE BLOOD		

CBP(COMPLETE BLOOD PICTURE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HEMOGLOBIN <i>Photometric</i>	12.5	12.0 - 15.0	gms/dL
R B C COUNT <i>Electrical Impedance</i>	4.6	3.8 - 4.8 10 ¹² /L	10 ¹² /L
PCV/HCT <i>Calculated</i>	38.1	36 - 46	%
MCV <i>Calculated</i>	82.3 *	83 - 101	fl
MCH <i>Calculated</i>	26.9 *	27 - 32	pg
MCHC <i>Calculated</i>	32.7	31 - 37	g/dL
RDW(cv)	15.6 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	7.3	4.0 - 10.0	10 ³ /μl
DIFFERENTIAL COUNT			
NEUTROPHILS <i>DHSS/Microscopy</i>	55	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	34	20 - 40 %	


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Rept. Dt	: 09-Nov-2024 11:07 AM	Result No	: RWL241101106
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014574
Sample Type	: WHOLE BLOOD		

MONOCYTES <i>DHSS/Microscopy</i>	08	02 - 10 %	
EOSINOPHILS <i>DHSS/Microscopy</i>	03	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
ABSOLUTE NEUTROPHILS COUNT(ANC) <i>Calculated</i>	4.01	2.0 - 7.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE LYMPHOCYTES COUNT(ALC) <i>Calculated</i>	2.54 *	3.0 -16.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE MONOCYTES COUNT(AMC) <i>Calculated</i>	0.60	0.3 -1.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE EOSINOPHILS COUNTS(AEC) <i>Calculated</i>	0.18	0.1 - 1.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE BASOPHILS COUNT(ABC) <i>Calculated</i>	00		
PLATELET COUNT <i>Electrical Impedance</i>	327	150 - 400 10 ³ /μL	10 ³ /μL


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Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014574
Sample Type	: WHOLE BLOOD		

MPV 10.4 7.5 - 11.5 fl fl

PERIPHERAL SMEAR (Leishman's Stain /Microscopy)

RBC

Normocytic Normochromic

WBC

Normal in morphology maturity and distribution

PLATELETS

Adequate

*** End Of Report ***


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Rec. Dt	: 09-Nov-2024 10:13 AM	Bill No.	: MCB65241100515
Rept. Dt	: 09-Nov-2024 11:28 AM	Result No	: RWL241101109
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7014577
Sample Type	: WHOLE BLOOD		

ESR

Parameters

Result

Reference Range

Units

ESR

50 *

0 - 20

mm/1st hour

MODIFIED WESTERGREN'S
METHOD

*** End Of Report ***



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