

LABORATORY REPORT : HAEMATOLOGY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 02:28 PM	Result No : RWL240805307
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005994
Sample Type :	

CBP(COMPLETE BLOOD PICTURE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HEMOGLOBIN <i>Photometric</i>	16.7	13.0 - 17.0	gms/dL
R B C COUNT <i>Electrical Impedance</i>	6.1 *	4.5 - 5.5 10 ¹² /L	10 ¹² /L
PCV/HCT <i>Calculated</i>	50.9 *	40 - 50	%
MCV <i>Calculated</i>	82.6 *	83 - 101	fl
MCH <i>Calculated</i>	27.0	27 - 32	pg
MCHC <i>Calculated</i>	32.8	31 - 37	g/dL
RDW(cv)	14.8 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	10.10 *	4.0 - 10.0	10 ³ /μl
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS <i>DHSS/Microscopy</i>	53	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	36	20 - 40 %	
MONOCYTES <i>DHSS/Microscopy</i>	08	02 - 10 %	



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : HAEMATOLOGY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 02:28 PM	Result No	: RWL240805307
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005994
Sample Type	:		

EOSINOPHILS <i>DHSS/Microscopy</i>	03	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
ABSOLUTE NEUTROPHILS COUNT(ANC) <i>Calculated</i>	5.41	4.0 -14.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE LYMPHOCYTES COUNT(ALC) <i>Calculated</i>	3.67 *	1.0 - 3.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE MONOCYTES COUNT(AMC) <i>Calculated</i>	0.84	0.2 - 1.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE EOSINOPHILS COUNTS(AEC) <i>Calculated</i>	0.18	0.02 - 0.5 10 ⁹ /L	10 ⁹ /L
ABSOLUTE BASOPHILS COUNT(ABC) <i>Calculated</i>	0.00		
PLATELET COUNT <i>Electrical Impedance</i>	217	150 - 400 10 ³ /μL	10 ³ /μL
MPV	10.6	7.5 - 11.5 fl	fl

PERIPHERAL SMEAR (Leishman's Stain /Microscopy)

RBC

Normocytic normochromic picture

WBC

Normal in morphology, maturity and distribution



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : HAEMATOLOGY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 02:28 PM	Result No	: RWL240805307
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005994
Sample Type	:		

PLATELETS

Adequate

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : HAEMATOLOGY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 02:28 PM	Result No	: RWL240805308
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005994
Sample Type	: WHOLE BLOOD		

ESR

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
ESR MODIFIED WESTERGREN'S METHOD	10	0 - 10	mm/1st hour

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : CLINICAL PATHOLOGY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 02:28 PM	Result No	: RWL240805306
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005993
Sample Type	:		

CUE(COMPLETE URINE EXAMINATION)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<u>PHYSICAL EXAMINATION</u>			
VOLUME	10ML	10 ml to 25 ml	ml
COLOUR	PALE YELLOW	PALE YELLOW	
APPEARANCE	CLEAR	CLEAR	
<u>CHEMICAL EXAMINATION</u>			
SPECIFIC GRAVITY <i>Bromthymol blue</i>	1.030	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 (<25 mg/dL)	
UROBILINOGEN <i>Diazonium salt</i>	NIL	NIL	
KETONE <i>Sodium nitroprusside/Rothera?s test.</i>	NIL	NIL (<5 mg/dL)	
BILIRUBIN <i>Diazonium salt/Fouchets test</i>	NIL	NIL (<0.5 mg/dL)	



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : CLINICAL PATHOLOGY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 02:28 PM	Result No	: RWL240805306
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005993
Sample Type	:		

NITRITE <i>Sulfanilic acid</i>	NIL	NEGATIVE	
<u>MICROSCOPIC EXAMINATION</u>			
PUS CELLS	5-6	0 - 5 /hpf	
RBC	NIL	0 - 5 /hpf	
EPITHELIAL CELLS	3-4	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 ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 04:27 PM	Result No : RWL240805304
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005991
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>	18.9	16.6 - 48.5	mg/dL
BUN (Blood Urea Nitrogen.)	8.82		

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BLOOD BANK

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 02:28 PM	Result No : RWL240805305
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005992
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>	O		
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 ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 04:27 PM	Result No : RWL240805304
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005991
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>	18.9	16.6 - 48.5	mg/dL
BUN (Blood Urea Nitrogen.)	8.82		

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 02:28 PM	Result No : RWL240805303
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005991
Sample Type : SERUM	

HBA1C (GLYCOSYLATED HAEMOGLOBIN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HBA1C <i>HPLC</i>	6.2 *	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	
MPG(Mean Plasma Glucose) <i>Derived from HBA1c value</i>	143.42	" Excellent Control : 90 - 120 mg/dl Good Control : 121 - 150 "	mg/dl

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 04:27 PM	Result No : RWL240805302
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005991
Sample Type : SERUM	

LIPID PROFILE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	196.2	Desirable :: < 200 mg/dL Borderline High :: 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL <i>Homogeneous enzymatic colorimetric</i>	43.1	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	118.6 *	Very High : - > 190 mg/dL Optimal : - < 100 mg/dL Near Optimal : 100 - 129 mg/dL High : 160 - 189 mg/dL	mg/dL
VLDL <i>Calculation</i>	37.8 *	Borderline High:130-159 mg/dl 2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	189.3 *	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 04:27 PM	Result No : RWL240805301
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005991
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>	93	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 04:27 PM	Result No	: RWL240805300
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005991
Sample Type	: SERUM		

SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
CREATININE <i>Jaffe</i>	0.8	0.7 - 1.2	mg/dL

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 02:28 PM	Result No	: RWL240805299
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005991
Sample Type	: SERUM		

T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
T3 ECLIA	1.24	0.8 - 2.0	ng/mL
T4 ECLIA	9.06	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	1.74	0.270 - 4.20	uIU/mL

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 04:27 PM	Result No : RWL240805298
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005991
Sample Type : SERUM	

LFT(LIVER FUNCTION TEST)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
TOTAL BILIRUBIN <i>DIAZO</i>	0.4	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.1	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.3	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	35	<=41	U/L
SGOT (AST) <i>UV without P5P</i>	27	<=40	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	129	40-129 U/L	U/L
TOTAL PROTEINS <i>Biuret method</i>	7.2	6.0 - 8.0 g/dL	g/dL
SERUM ALBUMIN <i>Bromcresol Green (BCG)</i>	4.5	3.5 - 5.2 g/dL	g/dL
GLOBULINS <i>Calculated</i>	2.7	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.6	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	38	6-42	U/L

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name	: Mr. SATYAM CHATLAPALLI	Age /Sex	: 42Y Y(s)/MALE
Bill Date	: 28-Aug-2024 01:36 PM	UMR No.	: 652408000775
Rec. Dt	: 28-Aug-2024 01:44 PM	Bill No.	: MCB65240801732
Rept. Dt	: 28-Aug-2024 04:27 PM	Result No	: RWL240805297
Ref By	: DR. Darna Arun Kumar	Sample ID	: MCWWL7005991
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>	9.6 *	3.4-7.0	mg/dL

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT

LABORATORY REPORT : BIOCHEMISTRY

Name : Mr. SATYAM CHATLAPALLI	Age /Sex : 42Y Y(s)/MALE
Bill Date : 28-Aug-2024 01:36 PM	UMR No. : 652408000775
Rec. Dt : 28-Aug-2024 01:44 PM	Bill No. : MCB65240801732
Rept. Dt : 28-Aug-2024 02:28 PM	Result No : RWL240805296
Ref By : DR. Darna Arun Kumar	Sample ID : MCWWL7005991
Sample Type : SERUM	

PSA (PROSTATE SPECIFIC ANTIGEN).

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
PROSTATE SPECIFIC ANTIGEN (PSA) <i>ECLIA</i>	0.820	0-4.0	ng/mL

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



MANCHALA LATA
CONSULTANT