

LABORATORY REPORT : HAEMATOLOGY

Name	: Mr. MADISHETTI PRANAY	Age /Sex	: 30Y Y(s)/MALE
Bill Date	: 24-Aug-2024 02:03 PM	UMR No.	: 652408000641
Rec. Dt	: 24-Aug-2024 03:29 PM	Bill No.	: MCB65240801479
Rept. Dt	: 24-Aug-2024 05:42 PM	Result No	: RWL240804418
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005489
Sample Type	: WHOLE BLOOD		

ESR

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
ESR MODIFIED WESTERGRENS METHOD	40 *	0 - 10	mm/1st hour

*** End Of Report ***

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Rec. Dt	: 24-Aug-2024 03:29 PM	Bill No.	: MCB65240801479
Rept. Dt	: 24-Aug-2024 07:23 PM	Result No	: RWL240804417
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005489
Sample Type	:		

CBP(COMPLETE BLOOD PICTURE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HEMOGLOBIN <i>Photometric</i>	14.8	13.0 - 17.0	gms/dL
R B C COUNT <i>Electrical Impedance</i>	5.6 *	4.5 - 5.5 10 ¹² /L	10 ¹² /L
PCV/HCT <i>Calculated</i>	44.1	40 - 50	%
MCV <i>Calculated</i>	77.6 *	83 - 101	fl
MCH <i>Calculated</i>	26.1 *	27 - 32	pg
MCHC <i>Calculated</i>	33.6	31 - 37	g/dL
RDW(cv)	17.8 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	7.2	4.0 - 10.0	10 ³ /μl
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS <i>DHSS/Microscopy</i>	62	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	28	20 - 40 %	
MONOCYTES <i>DHSS/Microscopy</i>	08	02 - 10 %	



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Sample Type :	

EOSINOPHILS <i>DHSS/Microscopy</i>	02	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
ABSOLUTE NEUTROPHILS COUNT(ANC) <i>Calculated</i>	4.44	4.0 -14.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE LYMPHOCYTES COUNT(ALC) <i>Calculated</i>	2.01	1.0 - 3.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE MONOCYTES COUNT(AMC) <i>Calculated</i>	0.63	0.2 - 1.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE EOSINOPHILS COUNTS(AEC) <i>Calculated</i>	0.10	0.02 - 0.5 10 ⁹ /L	10 ⁹ /L
ABSOLUTE BASOPHILS COUNT(ABC) <i>Calculated</i>	0.0		
PLATELET COUNT <i>Electrical Impedance</i>	307	150 - 400 10 ³ /μL	10 ³ /μL

PERIPHERAL SMEAR (Leishman's Stain /Microscopy)

RBC

Normocytic normochromic picture

WBC

Normal in morphology, maturity and distribution

PLATELETS

Adequate



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Sample Type	:		

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LABORATORY REPORT : CLINICAL PATHOLOGY

Name : Mr. MADISHETTI PRANAY	Age /Sex : 30Y Y(s)/MALE
Bill Date : 24-Aug-2024 02:03 PM	UMR No. : 652408000641
Rec. Dt : 24-Aug-2024 03:45 PM	Bill No. : MCB65240801479
Rept. Dt : 24-Aug-2024 04:06 PM	Result No : RWL240804460
Ref By : DR. Girish Loya	Sample ID : MCWWL7005514
Sample Type :	

CUE(COMPLETE URINE EXAMINATION)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<u>PHYSICAL EXAMINATION</u>			
VOLUME	10	10 ml to 25 ml	ml
COLOUR	Pale Yellow	PALE YELLOW	
APPEARANCE	Clear	CLEAR	
<u>CHEMICAL EXAMINATION</u>			
SPECIFIC GRAVITY <i>Bromthymol blue</i>	1.020	1.000 - 1.030	
PH <i>Bromthymol blue</i>	6.0	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)	
BILIRUBIN <i>Diazonium salt/Fouchets test</i>	Nil	NIL (<0.5 mg/dL)	



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Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005514
Sample Type	:		

NITRITE

Sulfanilic acid

Negative

NEGATIVE

MICROSCOPIC EXAMINATION

PUS CELLS

2-4

0 - 5 /hpf

RBC

Negative

0 - 5 /hpf

EPITHELIAL CELLS

1-2

0 - 5

hpf

CRYSTALS

Negative

NIL

CASTS

Negative

NIL

OTHERS

Negative

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.

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Rept. Dt : 24-Aug-2024 05:05 PM	Result No : RWL240804415
Ref By : DR. Girish Loya	Sample ID : MCWWL7005487
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>	12.2 *	16.6 - 48.5	mg/dL

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Rept. Dt	: 24-Aug-2024 05:05 PM	Result No	: RWL240804415
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005487
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>	12.2 *	16.6 - 48.5	mg/dL

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Ref By : DR. Girish Loya	Sample ID : MCWWL7005487
Sample Type : SERUM	

LIPID PROFILE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	215 *	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	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	138.6 *	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>	33.4 *	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	167 *	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
CHO/HDL RATIO <i>Calculation</i>	5 *	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO	3.2		

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Rept. Dt : 24-Aug-2024 05:05 PM	Result No : RWL240804413
Ref By : DR. Girish Loya	Sample ID : MCWWL7005487
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>	86	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
FASTING URINE SUGAR <i>Hexokinase</i>	Nil *	Normal Range : 77 - 99 (3.9 to 5.5 mmol/L)	mg/dL

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Rept. Dt	: 24-Aug-2024 05:05 PM	Result No	: RWL240804412
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005487
Sample Type	: SERUM		

SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
CREATININE <i>Jaffe</i>	0.9	0.7 - 1.2	mg/dL

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Rept. Dt	: 24-Aug-2024 04:06 PM	Result No	: RWL240804410
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005487
Sample Type	: SERUM		

T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
T3 ECLIA	1.04	0.8 - 2.0	ng/mL
T4 ECLIA	8.16	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	1.76	0.270 - 4.20	uIU/mL

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Rept. Dt : 24-Aug-2024 05:05 PM	Result No : RWL240804409
Ref By : DR. Girish Loya	Sample ID : MCWWL7005487
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>	0.3	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.1	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.2	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	26	<=41	U/L
SGOT (AST) <i>UV without P5P</i>	21	<=40	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	106	40-129 U/L	U/L
TOTAL PROTEINS <i>Biuret method</i>	8.2 *	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>	3.7 *	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.21	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	39	6-42	U/L

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Rept. Dt	: 24-Aug-2024 05:05 PM	Result No	: RWL240804408
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005487
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>	7.1 *	3.4-7.0	mg/dL

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Rept. Dt	: 24-Aug-2024 05:05 PM	Result No	: RWL240804407
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005486
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	NII		

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Rept. Dt : 24-Aug-2024 05:05 PM	Result No : RWL240804406
Ref By : DR. Girish Loya	Sample ID : MCWWL7005485
Sample Type : SERUM	

HBA1C (GLYCOSYLATED HAEMOGLOBIN)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HBA1C <i>HPLC</i>	5.7	" Normal : < 5.7% Pre diabetic : 5.7 % - 6.5 % Diabetic : > 6.5 %	

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