

LABORATORY REPORT : HAEMATOLOGY

Name : Mrs. TABASSUM AFREEN	Age /Sex : 33Y Y(s)/FEMALE
Bill Date : 24-Aug-2024 02:01 PM	UMR No. : 652408000640
Rec. Dt : 24-Aug-2024 03:04 PM	Bill No. : MCB65240801437
Rept. Dt : 24-Aug-2024 03:25 PM	Result No : RWL240804405
Ref By : DR. Girish Loya	Sample ID : MCWWL7005484
Sample Type :	

CBP(COMPLETE BLOOD PICTURE)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
HEMOGLOBIN <i>Photometric</i>	11.1 *	12.0 - 15.0	gms/dL
R B C COUNT <i>Electrical Impedance</i>	5.0 *	3.8 - 4.8 10 ¹² /L	10 ¹² /L
PCV/HCT <i>Calculated</i>	34.3 *	36 - 46	%
MCV <i>Calculated</i>	67.5 *	83 - 101	fl
MCH <i>Calculated</i>	21.9 *	27 - 32	pg
MCHC <i>Calculated</i>	32.5	31 - 37	g/dL
RDW(cv)	18.7 *	11.6 - 14.0 %	%
TLC (TOTAL LEUCOCYTE COUNT) <i>Impedance</i>	7.1	4.0 - 10.0	10 ³ /μl
<u>DIFFERENTIAL COUNT</u>			
NEUTROPHILS <i>DHSS/Microscopy</i>	56	40 - 80 %	
LYMPHOCYTES <i>DHSS/Microscopy</i>	34	20 - 40 %	
MONOCYTES <i>DHSS/Microscopy</i>	08	02 - 10 %	



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EOSINOPHILS <i>DHSS/Microscopy</i>	02	00 - 06 %	
BASOPHILS <i>DHSS/Microscopy</i>	00	00 - 01 %	
ABSOLUTE NEUTROPHILS COUNT(ANC) <i>Calculated</i>	4.04	2.0 - 7.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE LYMPHOCYTES COUNT(ALC) <i>Calculated</i>	2.40 *	3.0 -16.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE MONOCYTES COUNT(AMC) <i>Calculated</i>	0.47	0.3 -1.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE EOSINOPHILS COUNTS(AEC) <i>Calculated</i>	0.20	0.1 - 1.0 10 ⁹ /L	10 ⁹ /L
ABSOLUTE BASOPHILS COUNT(ABC) <i>Calculated</i>	0.00		
PLATELET COUNT <i>Electrical Impedance</i>	427 *	150 - 400 10 ³ /μL	10 ³ /μL

PERIPHERAL SMEAR (Leishman's Stain /Microscopy)

*** End Of Report ***

Suggested Clinical Correlation * If necessary, Please discuss



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Rec. Dt	: 24-Aug-2024 03:04 PM	Bill No.	: MCB65240801437
Rept. Dt	: 24-Aug-2024 05:42 PM	Result No	: RWL240804404
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005484
Sample Type	:		

ESR

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
ESR MODIFIED WESTERGREN'S METHOD	50 *	0 - 20	mm/1st hour

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LABORATORY REPORT : CLINICAL PATHOLOGY

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Rec. Dt : 24-Aug-2024 03:20 PM	Bill No. : MCB65240801437
Rept. Dt : 24-Aug-2024 03:25 PM	Result No : RWL240804447
Ref By : DR. Girish Loya	Sample ID : MCWWL7005502
Sample Type :	

CUE(COMPLETE URINE EXAMINATION)

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
<u>PHYSICAL EXAMINATION</u>			
VOLUME	20	10 ml to 25 ml	ml
COLOUR	Pale Yellow	PALE YELLOW	
APPEARANCE	Clear	CLEAR	
<u>CHEMICAL EXAMINATION</u>			
SPECIFIC GRAVITY <i>Bromthymol blue</i>	1.015	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	: MCWWL7005502
Sample Type	:		

NITRITE

Sulfanilic acid

Negative

NEGATIVE

MICROSCOPIC EXAMINATION

PUS CELLS

2-4

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.

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LABORATORY REPORT : BLOOD BANK

Name : Mrs. TABASSUM AFREEN	Age /Sex : 33Y Y(s)/FEMALE
Bill Date : 24-Aug-2024 02:01 PM	UMR No. : 652408000640
Rec. Dt : 24-Aug-2024 03:04 PM	Bill No. : MCB65240801437
Rept. Dt : 24-Aug-2024 07:24 PM	Result No : RWL240804403
Ref By : DR. Girish Loya	Sample ID : MCWWL7005483
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>	A		
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 : BIOCHEMISTRY

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Bill Date	: 24-Aug-2024 02:01 PM	UMR No.	: 652408000640
Rec. Dt	: 24-Aug-2024 03:04 PM	Bill No.	: MCB65240801437
Rept. Dt	: 24-Aug-2024 05:07 PM	Result No	: RWL240804402
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005482
Sample Type	:		

SERUM URIC ACID

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
SERUM URIC ACID <i>uricase</i>	3.1	2.4-5.7	mg/dL

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Rept. Dt	: 24-Aug-2024 05:07 PM	Result No	: RWL240804401
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005482
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>	0.7	<1.2	mg/dL
DIRECT BILIRUBIN <i>DIAZO</i>	0.3 *	<=0.20	mg/dL
INDIRECT BILIRUBIN <i>Calculated</i>	0.4	<=1.0	mg/dL
SGPT (ALT) <i>UV without P5P</i>	12	<=33	U/L
SGOT (AST) <i>UV without P5P</i>	22	<= 32	U/L
ALKALINE PHOSPHATASE (ALP) <i>PNPP, AMP Buffer - IFCC Ref.</i>	93	35 - 105	U/L
TOTAL PROTEINS <i>Biuret method</i>	8.7 *	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>	4.2 *	2.5 - 3.5 g/dL	g/dL
A/G RATIO <i>Calculation</i>	1.07 *	1.2 - 2.5	
GAMMA GLUTAMYL TRANSFERASE(GGT) <i>G-glutamyl-carboxy-nitroanilide-IFCC</i>	14	6-42	U/L

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Rept. Dt	: 24-Aug-2024 04:04 PM	Result No	: RWL240804400
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005482
Sample Type	: SERUM		

T3,T4 AND TSH

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
T3 ECLIA	1.26	0.8 - 2.0	ng/mL
T4 ECLIA	9.01	5.1 - 14.1	ug/dL
TSH(THYROID STIMULATING HORMONE) ECLIA	3.71	0.270 - 4.20	uIU/mL

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Rept. Dt	: 24-Aug-2024 05:07 PM	Result No	: RWL240804399
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005482
Sample Type	:		

SERUM CREATININE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
CREATININE <i>Jaffe</i>	0.67	0.5 - 0.9	mg/dL

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Bill Date	:		UMR No.	:	
Rec. Dt	:		Bill No.	:	
Rept. Dt	:		Result No	:	
Ref By	:		Sample ID	:	
Sample Type	:				

Parameters

Result

Reference Range

Units

***** End Of Report *****

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DRAFT

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Rec. Dt : 24-Aug-2024 03:04 PM	Bill No. : MCB65240801437
Rept. Dt : 24-Aug-2024 05:07 PM	Result No : RWL240804398
Ref By : DR. Girish Loya	Sample ID : MCWWL7005482
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>	85	Normal Range : 70 - 99 Impaired Glucose tolerance : 100 -125 Diabetes Mellitus : >=126	mg/dL
FASTING URINE SUGAR <i>Hexokinase</i>	NEGATIVE *	Normal Range : 77 - 99 (3.9 to 5.5 mmol/L)	mg/dL

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Rept. Dt : 24-Aug-2024 05:07 PM	Result No : RWL240804397
Ref By : DR. Girish Loya	Sample ID : MCWWL7005482
Sample Type : SERUM	

LIPID PROFILE

<u>Parameters</u>	<u>Result</u>	<u>Reference Range</u>	<u>Units</u>
TOTAL CHOLESTEROL <i>Enzymatic colorimetric</i>	192	Desirable :: < 200 mg/dL Borderline High :: 200 - 239 mg/dL High risk : > 240 mg/dL	mg/dL
HDL CHOLESTEROL <i>Homogeneous enzymatic colorimetric</i>	46	Low :: < 40 mg/dL High :: > 60 mg/dL	mg/dL
LDL CHOLESTEROL <i>Direct-Enzymatic colorimetric</i>	119 *	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>	26.8	2 - 30 mg/dL	mg/dL
SERUM TRYGLYCERIDES <i>Enzymatic colorimetric</i>	134	< 150 mg/dL Borderline High : 150 - 199 mg/dL High : 200 - 499 mg/dL	mg/dL
CHO/HDL RATIO <i>Calculation</i>	4.17 *	Normal : - < 3.5 High Risk : - > 5.0	
LDL/HDL RATIO	2.5		

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Rec. Dt : 24-Aug-2024 03:04 PM	Bill No. : MCB65240801437
Rept. Dt : 24-Aug-2024 05:07 PM	Result No : RWL240804396
Ref By : DR. Girish Loya	Sample ID : MCWWL7005482
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 %	

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Rept. Dt	: 24-Aug-2024 05:07 PM	Result No	: RWL240804395
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005482
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>	19.1	16.6 - 48.5	mg/dL

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Rept. Dt	: 24-Aug-2024 05:07 PM	Result No	: RWL240804394
Ref By	: DR. Girish Loya	Sample ID	: MCWWL7005481
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	NEGATIVE		

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