



	<b>Dr. Vinay Chopra</b> MD (Pathology & Micr Chairman & Consultar	obiology)		(Pathology)	
NAME	: Mrs. SHWETA				
AGE/ GENDER	: 40 YRS/FEMALE		PATIENT ID	: 1655093	
COLLECTED BY	:		REG. NO./LAB NO.	:012410280	034
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	:28/0ct/2024	11:29 AM
BARCODE NO.	: 01519697		COLLECTION DATE	:28/0ct/2024	11:49AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 28/Oct/2024	11:56AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANTI	2		
Test Name		Value	Unit	Biolo	ogical Reference interval
		HAEM	ATOLOGY		
	COMP	LETE BL	OOD COUNT (CBC)		
<b>RED BLOOD CELLS</b>	(RBCS) COUNT AND INDICES				
HAEMOGLOBIN (HE		10.6 <sup>L</sup>	gm/dL	12.0	- 16.0
RED BLOOD CELL (I	RBC) COUNT	4.13	Millions	/cmm 3.50	- 5.00
PACKED CELL VOLU		34.4 <sup>L</sup>	%	37.0	- 50.0
MEAN CORPUSCULA		83.3	fL	80.0	- 100.0
	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	25.6 <sup>L</sup>	pg	27.0	- 34.0
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	30.8 <sup>L</sup>	g/dL	32.0	- 36.0
	JTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	19.3 <sup>H</sup>	%	11.0	0 - 16.00
	JTION WIDTH (RDW-SD) utomated hematology analyzer	59.4 <sup>H</sup>	fL	35.0	- 56.0
MENTZERS INDEX		20.17	RATIO	13.0	N DEFICIENCY ANEMIA:
GREEN & KING IND by CALCULATED	EX	38.83	RATIO	65.0	N DEFICIENCY ANEMIA: >
WHITE BLOOD CEI					
,	BY SF CUBE & MICROSCOPY	10830	/cmm		) - 11000
	LOOD CELLS (nRBCS) T HEMATOLOGY ANALYZER	NIL		0.00	- 20.00
NUCLEATED RED B	LOOD CELLS (nRBCS) % UTOMATED HEMATOLOGY ANALYZER	NIL	%	< 10	%



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. SHWETA **AGE/ GENDER** : 40 YRS/FEMALE **PATIENT ID** :1655093 **COLLECTED BY** :012410280034 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 28/Oct/2024 11:29 AM **BARCODE NO.** :01519697 **COLLECTION DATE** : 28/Oct/2024 11:49AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 28/Oct/2024 11:56AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTROPHILS 72<sup>H</sup> % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 19<sup>L</sup> % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 1 % 1 - 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 8 % 2 - 12by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE LEUKOCYTES (WBC) COUNT** ABSOLUTE NEUTROPHIL COUNT 2000 - 7500 7798<sup>H</sup> /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2058 /cmm 800 - 4900 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 108 40 - 440 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 866 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 278000 150000 - 450000 /cmm

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE			
PLATELETCRIT (PCT) by hydro dynamic focusing, electrical impedence	0.28	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by hydro dynamic focusing, electrical impedence	10	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	77000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	27.6	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence	16.1	%	15.0 - 17.0
NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD			





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		y & Microbiology) consultant Pathologis		(Pathology)
NAME	: Mrs. SHWETA			
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			REPORTING DATE	: 28/Oct/2024 12:34PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	. 20/ UCI/ 2024 12.34F M
	: KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROA	D, AMBALA CANTI		. 20/ 00/ 2024 12.34FM
		D, AMBALA CANTI Value		Biological Reference interval
CLIENT CODE. CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON ROA	Value	r	Biological Reference interval
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	Value ICAL CHEMIS	Unit	Biological Reference interval

2. A random glucose level between 140 - 200 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prnadial blood test

(after consumption of 75 gms of glucose) is recommended for all such patients. 3. A random glucose level of above 200 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.





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Dr. Yugam Chopra

	MD (Pathology & Mi Chairman & Consult	crobiology)		(Pathology)
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Test Name		Value	Unit	Biological Reference interval
			N TEST (COMPLETE)	
BILIRUBIN TOTAL		0.54	mg/dL	INFANT: 0.20 - 8.00
by DIAZOTIZATION, SI	PECTROPHOTOMETRY		Ũ	ADULT: 0.00 - 1.20
	C (CONJUGATED): SERUM	0.1	mg/dL	0.00 - 0.40
BILIRUBIN INDIRE by CALCULATED, SPE	CCT (UNCONJUGATED): SERUM	0.44	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	[ /RIDOXAL PHOSPHATE	32.6	U/L	7.00 - 45.00
SGPT/ALT: SERUM		42.5	U/L	0.00 - 49.00
AST/ALT RATIO: S by CALCULATED, SPE	ERUM	0.77	RATIO	0.00 - 46.00
ALKALINE PHOSPI		201.3 <sup>H</sup>	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROF	L TRANSFERASE (GGT): SERUM PHTOMETRY	152.86 <sup>H</sup>	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTRO	SERUM	8.01 <sup>H</sup>	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL G		4.55	gm/dL	3.50 - 5.50
GLOBULIN: SERUN by CALCULATED, SPE	1	3.46	gm/dL	2.30 - 3.50
			<b>D</b> 1 <b>T</b> 10	

Dr. Vinay Chopra

A : G RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY

## INTERPRETATION

NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range.

USE: - Differential diagnosis of diseases of hepatobiliary system and pancreas.

## **INCREASED:**

> 2
> 2 (Highly Suggestive)
1.4 - 2.0
> 1.5
> 1.3 (Slightly Increased)

1.32





**DR.VINAY CHOPRA** CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)

RATIO

1.00 - 2.00

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NAME	: Mrs. SHWETA		
	MD (Pathology & Mi Chairman & Consult	icrobiology) MI	) (Pathology)
	Dr. Vinay Chop	na I Dr. Yugar	n Chopra

## DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

GOOD PROGNOSTIC SIGN 0.3 - 0.6	
POOR PROGNOSTIC SIGN 1.2 - 1.6	



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) V DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

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	Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. SHWETA : 40 YRS/FEMALE : : : 01519697 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, A	REGIST COLLE REPOR	NT ID D./LAB NO. TRATION DATE TION DATE TING DATE	: 1655093 <b>: 012410280034</b> : 28/Oct/2024 11:29 AM : 28/Oct/2024 11:49AM : 28/Oct/2024 12:34PM
Test Name		Value	Unit	Biological Reference interval
UREA: SERUM by UREASE - GLUTAM	MATE DEHYDROGENASE (GLDH)	<b>UREA</b> 22.9	mg/dL	10.00 - 50.00
สภาพราชาวาส		А	24	

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SO 9001 : 2008 CERT	ACCREDITED (A	S Diagnostic Lab Unit of KOS Healthcare)			
	MD (I	Vinay Chopra Pathology & Microbiology) man & Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)	
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. SHWETA : 40 YRS/FEMALE : : : 01519697 : KOS DIAGNOSTIC : 6349/1, NICHOLS	REGIST	T ID D./LAB NO. RATION DATE TION DATE FING DATE	: 1655093 <b>: 012410280034</b> : 28/Oct/2024 11:29 AM : 28/Oct/2024 11:49AM : 28/Oct/2024 12:34PM	
Test Name		Value	Unit	Biological Reference inter	rval
CREATININE: SERI		0.83	mg/dL	0.40 - 1.20	





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MD (Pa		Vinay Chopra Pathology & Microbiology) man & Consultant Pathologis		(Pathology)
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Test Name	-	Value	Unit	Biological Reference interval
SODIUM: SERUM	EL	ECTROLYTES PROFIL	E: SODIUM AND POT mmol/L	ASSIUM 135.0 - 150.0
by ISE (ION SELECTIV	E ELECTRODE)	130.3	mmoi/ L	135.0 - 150.0
POTASSIUM: SERUM		4.51	mmol/L	3.50 - 5.00
NTERPRETATION:-				
balance & to transmi HYPONATREMIA (LOV 1. Low sodium intake 2. Sodium loss due to 3. Diuretics abuses. 4. Salt loosing nephr 5. Metabolic acidosis 5. Adrenocortical issu 7.Hepatic failure.	t nerve impulse. <b>N SODIUM LEVEL) CA</b> diarrhea & vomiting opathy. s. uficiency . <b>CREASED SODIUM LEV</b>	JSES:- with adequate water and iac		y maintain osmotic pressure & acid base

HYPOKALEMIA (LOW POTASSIUM LEVELS):-

1. Diarrhoea, vomiting & malabsorption.

2. Severe Burns.

3.Increased Secretions of Aldosterone HYPERKALEMIA (INCREASED POTASSIUM LEVELS):-

## 1.Oliguria

- 2.Renal failure or Shock
- 3. Respiratory acidosis
- 4. Hemolysis of blood

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\*\*\* End Of Report

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