



	Dr. Vinay Cl MD (Pathology C Chairman & Co		Dr. Yugam Chopra MD (Pathology) t CEO & Consultant Pathologist	
NAME	: Mrs. MADHU			
AGE/ GENDER	: 62 YRS/FEMALE	P	ATIENT ID	: 1674805
COLLECTED BY	: SURJESH	R	EG. NO./LAB NO.	: 012411180034
REFERRED BY			EGISTRATION DATE	: 18/Nov/2024 10:51 AM
BARCODE NO.	: 01521023		OLLECTION DATE	: 18/Nov/2024 10:53AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 18/Nov/2024 02:46PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
ESTIMATED AVERAG	IANCE LIQUID CHROMATOGRAPHY)	7.3 <sup>H</sup> 162.81 <sup>H</sup>	% mg/dL	4.0 - 6.4 60.00 - 140.00
	AS PER AMERICAN DIA	BETES ASSOCIATION (AI	DA):	
	FERENCE GROUP		TED HEMOGLOGIB (HBAIC) in %	<u>b</u>
	etic Adults >= 18 years		<5.7	
	Risk (Prediabetes)		5.7 - 6.4 >= 6.5	
Dia	gnosing Diabetes		Age > 19 Years	
		Goals of Thera		
	Therapeutic goals for glycemic control		ed: >8.0	
Therapeutic				
Therapeutic	goals for grycernic control	Goal of therap	Age < 19 Years	

2. Since Hold reflects long term inditiations in blood glucose concentration, a diabetic patient who has recently under good control may still have high concentration of HbAlc. Converse is true for a diabetic previously under good control but now poorly controlled.

3. Target goals of < 7.0 % may be beneficial in patients with short duration of diabetes, long life expectancy and no significant cardiovascular disease. In patients with significant complications of diabetes, limited life expectancy or extensive co-morbid conditions, targetting a goal of < 7.0% may not be appropriate. 4. High

HATC (>9.0 -9.5%) is strongly associated with risk of development and rapid progression of microvascular and nerve complications

5. Any condition that shorten RBC life span like acute blood loss, hemolytic anemia falsely lower HbA1c results.

6.HbA1c results from patients with HbSS,HbSC and HbD must be interpreted with caution, given the pathological processes including anemia, increased red cell turnover, and transfusion requirement that adversely impact HbA1c as a marker of long-term gycemic control.

7. Specimens from patients with polycythemia or post-splenctomy may exhibit increse in HbA1c values due to a somewhat longer life span of the red cells.





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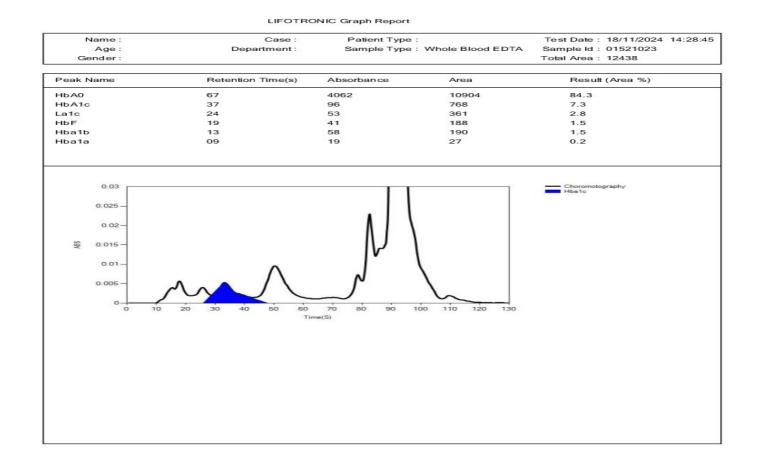
KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 care@koshealthcare.com www.koshealthcare.com







Test Name		Value Unit	Biological Reference interval
CLIENT ADDRESS	. 0349/1, MICHOLSON KOAD, AI	VIDALA CAIVII	
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NAME	: Mrs. MADHU		
	MD (Pathology & N Chairman & Consu	1icrobiology) M	1D (Pathology)
	Dr. Vinay Cho	nra I Dr Yuga	am Chopra





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		hopra & Microbiology) onsultant Pathologist	Dr. Yugam MD (I CEO & Consultant F	Pathology)
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BARCODE NO.	: 01521023	COLLI	ECTION DATE	: 18/Nov/2024 10:53AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	: 18/Nov/2024 11:49AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	D, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	CLINI	ICAL CHEMISTRY/	BIOCHEMISTI	RY
		GLUCOSE FAST	TING (F)	
	G (F): PLASMA	174.68 <sup>H</sup>	mg/dL	NORMAL: < 100.0

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:

 A fasting plasma glucose level below 100 mg/dl is considered normal.
 A fasting plasma glucose level between 100 - 125 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.

test (after consumption of 75 gms of glucose) is recommended for all such patients. 3. A fasting plasma glucose level of above 125 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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Page 3 of 9





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<b>REFERRED BY</b>	:	RE	GISTRATION DATE	: 18/Nov/2024 10:51 AM
BARCODE NO.	:01521023	CO	LLECTION DATE	: 18/Nov/2024 10:53AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 18/Nov/2024 12:11PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		URI	EA	
UREA: SERUM by UREASE - GLUTAM RECHECKED	ATE DEHYDROGENASE (GLDH)	39.35	mg/dL	10.00 - 50.00



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Page 4 of 9





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Test Name		Value	Unit	<b>Biological Reference interval</b>
		CREATIN	INE	
CREATININE: SERU by ENZYMATIC, SPEC RECHECKED		1.44 <sup>H</sup>	mg/dL	0.40 - 1.20





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		r <b>Chopra</b> ogy & Microbiology) Consultant Pathologist	Dr. Yugam MD ( CEO & Consultant F	Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE.	: Mrs. MADHU : 62 YRS/FEMALE : SURJESH : : 01521023 : KOS DIAGNOSTIC LAB	REG REG COL	IENT ID . NO./LAB NO. ISTRATION DATE LECTION DATE ORTING DATE	: 1674805 <b>: 012411180034</b> : 18/Nov/2024 10:51 AM : 18/Nov/2024 10:53AM : 18/Nov/2024 12:11PM
CLIENT ADDRESS	: 6349/1, NICHOLSON RC		Unit	Distantina I Defense and instantina l
Test Name		Value	Unit	Biological Reference interval
		ELECTROLYTES COM	IPLETE PROFILE	
SODIUM: SERUM by ISE (ION SELECTIV		144.8	mmol/L	135.0 - 150.0
POTASSIUM: SERU by ISE (ION SELECTIV		5.98 <sup>H</sup>	mmol/L	3.50 - 5.00
CHLORIDE: SERUN by ISE (ION SELECTIV	1	108.6	mmol/L	90.0 - 110.0
	it nerve impulse. W SODIUM LEVEL) CAUSES:-		e body is to chemically	maintain osmotic pressure & acid base
HYPONATREMIA (LON 1. Low sodium intake 2. Sodium loss due to 3. Diuretics abuses. 4. Salt loosing nephr 5. Metabolic acidosi 6. Adrenocortical iss 7.Hepatic failure.	it nerve impulse. W SODIUM LEVEL) CAUSES:- e. o diarrhea & vomiting with a ropathy. s. uficiency . CREASED SODIUM LEVEL) CAU nged)	dequate water and iadequa		maintain osmotic pressure & acid base

KOS Diagnostic Lab (A Unit of KOS Healthcare)



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAI	LA CANTT	
Test Name		Value Unit	Biological Reference interval

Test Name

4. Hemolysis of blood



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AGE/ GENDER : 62 YRS/F	EMALE	PATI	ENT ID	: 1674805
<b>COLLECTED BY</b> : SURJESH		REG. 1	NO./LAB NO.	:012411180034
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<b>BARCODE NO.</b> : 01521023			ECTION DATE	: 18/Nov/2024 10:53AM
	GNOSTIC LAB		RTING DATE	: 18/Nov/2024 11:56AM
<b>CLIENT ADDRESS</b> : 6349/1, 1	NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		CLINICAL PAT	HOLOGY	
	URINE RO	UTINE & MICROS	COPIC EXAMINA	ATION
PHYSICAL EXAMINATION				
QUANTITY RECIEVED		10	ml	
by DIP STICK/REFLECTANCE SPECT COLOUR	rophotometry	PALE YELLOW		PALE YELLOW
by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY			
TRANSPARANCY by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY	HAZY		CLEAR
SPECIFIC GRAVITY		1.02		1.002 - 1.030
by DIP STICK/REFLECTANCE SPECT CHEMICAL EXAMINATION	ROPHOTOMETRY			
REACTION		ACIDIC		
by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY			
PROTEIN by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECT pH	ROPHOTOMETRY	5.5		5.0 - 7.5
by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY			
BILIRUBIN by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE		Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECT UROBILINOGEN		Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLECTANCE SPECT KETONE BODIES by DIP STICK/REFLECTANCE SPECT		Negative		NEGATIVE (-ve)
BLOOD		TRACE		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY	NECATIVE ()		
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECT	ROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXAMINATION	N			
RED BLOOD CELLS (RBCs)		1-3	/HPF	0 - 3





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M. MADIII

NANGE



Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist



Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist

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		MBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
by MICROSCOPY ON O	CENTRIFUGED URINARY SEDIMENT				
PUS CELLS by MICROSCOPY ON (	CENTRIFUGED URINARY SEDIMENT	25-30	/HPF	0 - 5	
EPITHELIAL CELLS	S	2-3	/HPF	ABSENT	

EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-3	/HPF	ABSENT
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	+		NEGATIVE (-ve)
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT

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



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