



	Dr. Vinay Chopra MD (Pathology & Microl Chairman & Consultant			(Pathology)	
NAME	: Mrs. ANCHAL				
AGE/ GENDER	: 33 YRS/FEMALE		PATIENT ID	: 1808038	
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:012503270	0024
REFERRED BY	:		<b>REGISTRATION DATE</b>	:27/Mar/202	5 09:36 AM
BARCODE NO.	: 01527856		COLLECTION DATE	:27/Mar/202	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 27/Mar/202	5 10:25AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAI	LA CANTT			
Test Name		Value	Unit	Biol	ogical Reference interval
	SWASTH	VA WE	LLNESS PANEL: 1	5	
			OOD COUNT (CBC)		
RED BLOOD CELI	S (RBCS) COUNT AND INDICES				
HAEMOGLOBIN (HI		12.4	gm/dL	12.	0 - 16.0
by CALORIMETRIC		1.26		2.5	0 5 00
RED BLOOD CELL (	COUNT CUSING, ELECTRICAL IMPEDENCE	4.36	Millions/	cmm 3.5	0 - 5.00
PACKED CELL VOL		38.8	%	37.	0 - 50.0
	ITOMATED HEMATOLOGY ANALYZER AR VOLUME (MCV)	89.1	fL	80.	0 - 100.0
	JTOMATED HEMATOLOGY ANALYZER AR HAEMOGLOBIN (MCH)	28.5	20	27	0 - 34.0
	ITOMATED HEMATOLOGY ANALYZER	28.3	pg	27.	0 - 54.0
	AR HEMOGLOBIN CONC. (MCHC)	) 32	g/dL	32.	0 - 36.0
-	UTION WIDTH (RDW-CV)	15.3	%	11.	00 - 16.00
	JTOMATED HEMATOLOGY ANALYZER SUTION WIDTH (RDW-SD)	51.2	fL	25	0 - 56.0
	ITOMATED HEMATOLOGY ANALYZER	51.2	IL	55.	0 - 30.0
MENTZERS INDEX by CALCULATED		20.44	RATIO		TA THALASSEMIA TRAIT: <
by CALCOLATED				13. IRC	0 DN DEFICIENCY ANEMIA:
				>13	3.0
GREEN & KING INI by CALCULATED	DEX	97.95	RATIO		TA THALASSEMIA TRAIT: 65.0
<i>by 0/12002/1120</i>					OS.0 ON DEFICIENCY ANEMIA: >
				65.	
WHITE BLOOD CH					
TOTAL LEUCOCYT	E COUNT (TLC) by sf cube & microscopy	9120	/cmm	400	00 - 11000
NUCLEATED RED H	BLOOD CELLS (nRBCS)	NIL		0.0	0 - 20.00
	T HEMATOLOGY ANALYZER BLOOD CELLS (nRBCS) %	NIL	%	~ 1	0 %
	NUCLUS (IIKDCS) %	INIL	%0	< 1	U /U





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

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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. ANCHAL **AGE/ GENDER** : 33 YRS/FEMALE **PATIENT ID** :1808038 **COLLECTED BY** : SURJESH :012503270024 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 27/Mar/2025 09:36 AM **BARCODE NO.** :01527856 **COLLECTION DATE** : 27/Mar/2025 09:42AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 27/Mar/2025 10:25AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER **DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 54 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY LYMPHOCYTES 31 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 10<sup>H</sup> % 1 - 6by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 5 MONOCYTES % 2 - 12 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT ABSOLUTE NEUTROPHIL COUNT 4925 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2827 /cmm 800 - 4900 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 912<sup>H</sup> 40 - 440 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 456 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 323000 /cmm 150000 - 450000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) 0.38<sup>H</sup> % 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) 12 fL. 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) /cmm 30000 - 90000 128000<sup>H</sup> by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 39.7 % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.7 % 15.0 - 17.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

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	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiology) Chairman & Consultant Patholo		(Pathology)
NAME	: Mrs. ANCHAL		
AGE/ GENDER	: 33 YRS/FEMALE	PATIENT ID	: 1808038
<b>COLLECTED BY</b>	: SURJESH	REG. NO./LAB NO.	: 012503270024
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 27/Mar/2025 09:36 AM
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 27/Mar/2025 10:25AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CAN	TT	
Test Name	Value	Unit	<b>Biological Reference interval</b>



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

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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT



	Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. ANCHAL			
AGE/ GENDER	: 33 YRS/FEMALE	P	ATIENT ID	: 1808038
COLLECTED BY	: SURJESH	R	EG. NO./LAB NO.	: 012503270024
REFERRED BY	:	R	EGISTRATION DATE	: 27/Mar/2025 09:36 AM
BARCODE NO.	: 01527856	C	OLLECTION DATE	: 27/Mar/2025 09:42AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	EPORTING DATE	: 27/Mar/2025 02:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
		, uluo	Chit	
WHOLE BLOOD	IAEMOGLOBIN (HbA1c):	SYLATED HAI 5.2	EMOGLOBIN (HBA %	<b>1C)</b> 4.0 - 6.4
ESTIMATED AVER	RMANCE LIQUID CHROMATOGRAPHY) AGE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	102.54	mg/dL	60.00 - 140.00
	AS PER AMERICAN	DIABETES ASSOCIAT	ION (ADA).	
	REFERENCE GROUP		COSYLATED HEMOGLOGIB	(HBAIC) in %
	abetic Adults >= 18 years		<5.7	
	t Risk (Prediabetes)		5.7 - 6.4	
[	liagnosing Diabetes		>= 6.5	
			Age > 19 Years	
	io goolo for glucomio control		f Therapy:	< 7.0
Thorses	ic goals for glycemic control	Actions S	Suggested:	>8.0
Therapeu			Age < 19 Years	

1.Glycosylated hemoglobin (HbA1c) test is three monthly monitoring done to assess compliace with therapeutic regimen in diabetic patients. 2.Since Hb1c reflects long term fluctuations 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 HbA1c (>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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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Dr. Vinay Chopi MD (Pathology & Mid Chairman & Consulta	crobiology)	Dr. Yugan MD CEO & Consultant	(Pathology)
NAME	: Mrs. ANCH/	AL			
GE/ GENDER	: 33 YRS/FEM	IALE	PAT	FIENT ID	: 1808038
COLLECTED BY	: SURJESH		REG	G. NO./LAB NO.	: 012503270024
REFERRED BY	:		REG	<b>GISTRATION DATE</b>	: 27/Mar/2025 09:36 AM
BARCODE NO.	:01527856		COL	LECTION DATE	: 27/Mar/2025 09:42AM
CLIENT CODE.	: KOS DIAGN	OSTIC LAB	REI	PORTING DATE	: 27/Mar/2025 11:47AM
CLIENT ADDRESS	: 6349/1, NIC	CHOLSON ROAD, AMI	BALA CANTT		
Test Name			Value	Unit	Biological Reference interval
		ERYTHROC	YTE SEDIME	NTATION RATE	(ESR)
mmune disease, but 2. An ESR can be affe as C-reactive protein 3. This test may also systemic lupus erythe <b>CONDITION WITH LOV</b> A low ESR can be see polycythaemia), sigr as sickle cells in sickl <b>NOTE:</b> 1. ESR and C - reactive 2. Generally, ESR doe 3. <b>CRP is not affected</b> 4. If the ESR is elevat 5. Women tend to ha	EATION BY CAPIL ic test because does not tell th cted by other co be used to mone ematosus <b>N ESR</b> n with condition ifficantly high w e cell anaemia) e protein (C-RP) s not change as <b>by as many oth</b> ed, it is typically ve a higher ESR ran, methyldog	an elevated result of the health practitioner conditions besides influ- notitions besides influ- not disease activity a ns that inhibit the no white blood cell count to also lower the ESR. are both markers of the ractors as is ESR, m y a result of two type and menstruation ar ba, oral contraceptive	exactly where the ammation. For thi and response to the rmal sedimentation (leucocytosis), a inflammation. either at the star baking it a better r s of proteins, glob ad prognancy can	e inflammation is in the is reason, the ESR is ty herapy in both of the a on of red blood cells, s nd some protein abno t of inflammation or a <b>narker of inflammatior</b> ulins or fibrinogen. cause temporary eleva	tion associated with infection, cancer and auto- e body or what is causing it. pically used in conjunction with other test such above diseases as well as some others, such as such as a high red blood cell count formalities. Some changes in red cell shape (such s it resolves. <b>n</b> .

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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GE/ GENDER       :33 YRS/FEMALE       PATIENT ID       :1808038         COLLECTED BY       :SURJESH       REG. NO./LAB NO.       :012503270024         REFERRED BY       :       REGISTRATION DATE       :27/Mar/2025 09:36 AM         SARCODE NO.       :01527856       COLLECTION DATE       :27/Mar/2025 09:42AM         CLIENT CODE.       :KOS DIAGNOSTIC LAB       REPORTING DATE       :27/Mar/2025 09:42AM         CLIENT ADDRESS       :6349/1, NICHOLSON ROAD, AMBALA CANTT       :27/Mar/2025 11:48AM         CLIENT ADDRESS       :6349/1, NICHOLSON ROAD, AMBALA CANTT       :27/Mar/2025 11:48AM         CLIENT CAL       CHEMISTRY/BIOCHEMISTRY       :27/Mar/2025 11:48AM         CLIENT CAL       CHEMISTRY/BIOCHEMISTRY       :27/Mar/2025 11:48AM         CLINICAL CHEMISTRY/BIOCHEMISTRY       :27/Mar/2025 11:48AM       :27/Mar/2025 11:48AM         CLINICAL CHEMISTRY/BIOCHEMISTRY       :27/Mar/2025 11:48AM       :27/Mar/2025 11:48AM         CLUCOSE FASTING (F): PLASMA       :03.31 <sup>H</sup> mg/dL       NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0         MIERPRETATION NACCORDANCE       :28 fasting plasma glucose level below 100 mg/dl is considered normal.       :A fasting plasma glucose level below 100 mg/dl is considered normal.         . A fasting plasma glucose level below 100 mg/dl is considered normal.       :A fasting plasma glucose level below 100 m	AGE/ GENDER       : 33 YRS/FEMALE       PATIENT ID       : 1808038         COLLECTED BY       : SURJESH       REG. NO./LAB NO.       : 012503270024         REFERRED BY       :       REGISTRATION DATE       : 27/Mar/2025 09:36 AM         SARCODE NO.       : 01527856       COLLECTION DATE       : 27/Mar/2025 09:42AM         CLIENT CODE.       : KOS DIAGNOSTIC LAB       REPORTING DATE       : 27/Mar/2025 09:42AM         CLIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       : 27/Mar/2025 11:48AM         CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F): PLASMA         biological Reference interval         DIABETIC: 100.0 - 125.0         DIABETIC: > 0R = 126.0			<b>Chopra</b> & Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
COLLECTED BY       SURJESH       REG. NO./LAB NO.       : 012503270024         REFERRED BY       :       REGISTRATION DATE       : 27/Mar/2025 09:36 AM         SARCODE NO.       : 01527856       COLLECTION DATE       : 27/Mar/2025 09:42AM         SARCODE NO.       : 01527856       COLLECTION DATE       : 27/Mar/2025 09:42AM         SUENT CODE.       : KOS DIAGNOSTIC LAB       REPORTING DATE       : 27/Mar/2025 11:48AM         STIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       ::       :         Fest Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F): PLASMA       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD)       PREDIABETIC: 100.0 - 125.0       DIABETIC: > 0R = 126.0         NMERPRETATION       NORCOACE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:	COLLECTED BY       SURJESH       REG. NO./LAB NO.       : 012503270024         REFERRED BY       :       REGISTRATION DATE       : 27/Mar/2025 09:36 AM         SARCODE NO.       : 01527856       COLLECTION DATE       : 27/Mar/2025 09:42AM         SARCODE NO.       : 01527856       COLLECTION DATE       : 27/Mar/2025 09:42AM         CLIENT CODE.       : KOS DIAGNOSTIC LAB       REPORTING DATE       : 27/Mar/2025 11:48AM         CLIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       :       :         Test Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F):         CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F): PLASMA         by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD)       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         N ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:         A fasting plasma glucose level below 100 mg/dl is considered normal.         2. A fasting plasma glucose level below 100 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.         2. A fasting plasma glucose level below 100 mg/dl is considered as glucose intolerant or prediabetic. A	JAME	: Mrs. ANCHAL			
REFERRED BY       :       REGISTRATION DATE       : 27/Mar/2025 09:36 AM         GARCODE NO.       : 01527856       COLLECTION DATE       : 27/Mar/2025 09:42AM         CILENT CODE       : KOS DIAGNOSTIC LAB       REPORTING DATE       : 27/Mar/2025 11:48AM         CILENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       ::       ::         Fest Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F):         SQLUCOSE OXIDASE - PEROXIDASE (GOD-POD)       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD)       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         NOR ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:	REFERRED BY       :       REGISTRATION DATE       : 27/Mar/2025 09:36 AM         BARCODE NO.       : 01527856       COLLECTION DATE       : 27/Mar/2025 09:42AM         CLIENT CODE.       : KOS DIAGNOSTIC LAB       REPORTING DATE       : 27/Mar/2025 11:48AM         CLIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       ::       ::         Test Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY       ::       ::       ::         GLUCOSE FASTING (F): PLASMA       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD)       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         NACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:	GE/ GENDER	: 33 YRS/FEMALE	PAT	IENT ID	: 1808038
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CLIENT CODE.       : KOS DIAGNOSTIC LAB       REPORTING DATE       : 27/Mar/2025 11:48AM         CLIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       Biological Reference interval         Fest Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY       GLUCOSE FASTING (F):       CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F): PLASMA       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0	CLIENT CODE.       : KOS DIAGNOSTIC LAB       REPORTING DATE       : 27/Mar/2025 11:48AM         CLIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       Biological Reference interval         CERS Name       Value       Unit       Biological Reference interval         CLIENT ADDRESS         CLIENT ADDRESS         COMPACTION CONTROLOGICAL CHEMISTRY/BIOCHEMISTRY         CLIENTCAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F):         GLUCOSE FASTING (F):         SILUCOSE FASTING (F):         OR CORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 100 mg/dl is considered normal.         A fasting plasma glucose level below 125	EFERRED BY	:	REG	ISTRATION DATE	: 27/Mar/2025 09:36 AM
CLIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT         Fest Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY       GLUCOSE FASTING (F):       NORMAL: < 100.0         GLUCOSE FASTING (F): PLASMA       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD)       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         MEEPRETATION       NORCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:       A fasting plasma glucose level below 100 mg/dl is considered normal.       Biological Reference interval         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 est (after consumption of 75 gms of glucose) is recommended for all such patients.	CLIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT         Test Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY       CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F):       NORMAL: < 100.0       PREDIABETIC: 100.0 - 125.0         Di glucose oxidase - peroxidase (God-Pod)       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0         NORMAL: < 00.0 - 125.0       DIABETIC: 100.0 - 125.0       DIABETIC: 00.0 - 125.0         INTERPRETATION       NACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:       I. 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 rest (after consumption of 75 gms of glucose) is recommended for all such patients.       A repeat post-prandial is strongly recommended for all such patients.         A fasting plasma glucose level of above 125 mg/dl is injuly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients.	ARCODE NO.	: 01527856	COL	LECTION DATE	: 27/Mar/2025 09:42AM
Test Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F): PLASMA       GLUCOSE FASTING (F):         GLUCOSE FASTING (F): PLASMA       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0	Test Name       Value       Unit       Biological Reference interval         CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F):         GLUCOSE FASTING (F):         GLUCOSE FASTING (F): PLASMA       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0	LIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	: 27/Mar/2025 11:48AM
CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F)         MORMAL: < 100.0	CLINICAL CHEMISTRY/BIOCHEMISTRY         GLUCOSE FASTING (F)         GLUCOSE FASTING (F):         GLUCOSE FASTING (F):         GLUCOSE FASTING (F):         by GLUCOSE FASTING (F):         Buge Colspan="2">OR (GOD-POD)         Maccord Added Colspan="2">MACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES:         1. A fasting plasma glucose level below 100 mg/dl is considered normal.         2. A fasting plasma glucose level below 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.         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.	LIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
GLUCOSE FASTING (F):         GLUCOSE FASTING (F): PLASMA       103.31 <sup>H</sup> mg/dL       NORMAL: < 100.0	GLUCOSE FASTING (F):         GLUCOSE FASTING (F):         GLUCOSE FASTING (F):         MORMAL: < 100.0	Fest Name		Value	Unit	<b>Biological Reference interval</b>
N 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 est (after consumption of 75 gms of glucose) is recommended for all such patients.	N ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A fasting plasma glucose level below 100 mg/dl is considered normal. 2. 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. 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			103.31 <sup>H</sup>	ing/uL	PREDIABETIC: 100.0 - 125.0
	such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.			103.31 <sup>H</sup>	ilig/dL	
		by GLUCOSE OXIDAS <u>NTERPRETATION</u> N ACCORDANCE WIT 1. A fasting plasma g est (after consumpti 3. A fasting plasma g	E - PEROXIDASE (GOD-POD) H AMERICAN DIABETES ASSOCIA lucose level below 100 mg/dl i lucose level between 100 - 125 ion of 75 gms of glucose) is recu lucose level of above 125 mg/o	ATION GUIDELINES: s considered normal. 5 mg/dl is considered as ommended for all such p dl is highly suggestive of	glucose intolerant or atients. diabetic state. A repe	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for a
		by GLUCOSE OXIDAS <u>NTERPRETATION</u> N ACCORDANCE WIT 1. A fasting plasma g est (after consumpti 3. A fasting plasma g	E - PEROXIDASE (GOD-POD) H AMERICAN DIABETES ASSOCIA lucose level below 100 mg/dl i lucose level between 100 - 125 ion of 75 gms of glucose) is recu lucose level of above 125 mg/o	ATION GUIDELINES: s considered normal. 5 mg/dl is considered as ommended for all such p dl is highly suggestive of	glucose intolerant or atients. diabetic state. A repe	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for a
		by GLUCOSE OXIDAS <u>NTERPRETATION</u> N ACCORDANCE WIT 1. A fasting plasma g est (after consumpti 3. A fasting plasma g	E - PEROXIDASE (GOD-POD) H AMERICAN DIABETES ASSOCIA lucose level below 100 mg/dl i lucose level between 100 - 125 ion of 75 gms of glucose) is recu lucose level of above 125 mg/o	ATION GUIDELINES: s considered normal. 5 mg/dl is considered as ommended for all such p dl is highly suggestive of	glucose intolerant or atients. diabetic state. A repe	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for a
		by GLUCOSE OXIDAS <u>NTERPRETATION</u> N ACCORDANCE WIT 1. A fasting plasma g est (after consumpti 3. A fasting plasma g	E - PEROXIDASE (GOD-POD) H AMERICAN DIABETES ASSOCIA lucose level below 100 mg/dl i lucose level between 100 - 125 ion of 75 gms of glucose) is recu lucose level of above 125 mg/o	ATION GUIDELINES: s considered normal. 5 mg/dl is considered as ommended for all such p dl is highly suggestive of	glucose intolerant or atients. diabetic state. A repe	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for a
		by GLUCOSE OXIDAS <u>NTERPRETATION</u> N ACCORDANCE WIT 1. A fasting plasma g est (after consumpti 3. A fasting plasma g	E - PEROXIDASE (GOD-POD) H AMERICAN DIABETES ASSOCIA lucose level below 100 mg/dl i lucose level between 100 - 125 ion of 75 gms of glucose) is recu lucose level of above 125 mg/o	ATION GUIDELINES: s considered normal. 5 mg/dl is considered as ommended for all such p dl is highly suggestive of	glucose intolerant or atients. diabetic state. A repe	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for a
		by GLUCOSE OXIDAS <u>NTERPRETATION</u> N ACCORDANCE WIT 1. A fasting plasma g est (after consumpti 3. A fasting plasma g	E - PEROXIDASE (GOD-POD) H AMERICAN DIABETES ASSOCIA lucose level below 100 mg/dl i lucose level between 100 - 125 ion of 75 gms of glucose) is recu lucose level of above 125 mg/o	ATION GUIDELINES: s considered normal. 5 mg/dl is considered as ommended for all such p dl is highly suggestive of	glucose intolerant or atients. diabetic state. A repe	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for a
		by GLUCOSE OXIDAS <u>NTERPRETATION</u> N ACCORDANCE WIT 1. A fasting plasma g est (after consumpti 3. A fasting plasma g	E - PEROXIDASE (GOD-POD) H AMERICAN DIABETES ASSOCIA lucose level below 100 mg/dl i lucose level between 100 - 125 ion of 75 gms of glucose) is recu lucose level of above 125 mg/o	ATION GUIDELINES: s considered normal. 5 mg/dl is considered as ommended for all such p dl is highly suggestive of	glucose intolerant or atients. diabetic state. A repe	PREDIABETIC: 100.0 - 125.0 DIABETIC: > 0R = 126.0 prediabetic. A fasting and post-prandial blood at post-prandial is strongly recommended for a

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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







		Chopra y & Microbiology) onsultant Pathologis		(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE.	: <b>Mrs. ANCHAL</b> : 33 YRS/FEMALE : SURJESH : : 01527856 : KOS DIAGNOSTIC LAB		PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1808038 <b>: 012503270024</b> : 27/Mar/2025 09:36 AM : 27/Mar/2025 09:42AM : 27/Mar/2025 12:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT	KEI OKTING DATE	. 217 Mai / 2023 12.031 M
Test Name		Value	Unit	<b>Biological Reference interval</b>
		LIPID PRO	FILE : BASIC	
CHOLESTEROL TO by CHOLESTEROL OX		173.25	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: 5 by GLYCEROL PHOSE	SERUM PHATE OXIDASE (ENZYMATIC)	204.78 <sup>H</sup>	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTERC	DL (DIRECT): SERUM ion	45.37	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTERC by CALCULATED, SPE		86.92	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0
NON HDL CHOLES by CALCULATED, SPE		127.88	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0
VLDL CHOLESTER by CALCULATED, SPE		40.96	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SE		551.28	mg/dL	350.00 - 700.00
CHOLESTEROL/HI		3.82	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0

KOS Diagnostic Lab (A Unit of KOS Healthcare)

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		Chopra v & Microbiology) onsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mrs. ANCHAL			
AGE/ GENDER	: 33 YRS/FEMALE	PAT	TENT ID	: 1808038
COLLECTED BY	: SURJESH	REG	. NO./LAB NO.	: 012503270024
<b>REFERRED BY</b>	:	REG	ISTRATION DATE	: 27/Mar/2025 09:36 AM
BARCODE NO.	:01527856	COL	LECTION DATE	: 27/Mar/2025 09:42AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	: 27/Mar/2025 12:03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
LDL/HDL RATIO: S		1.92	RATIO	MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0 LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/I by CALCULATED, SPE	HDL RATIO: SERUM	4.51	RATIO	3.00 - 5.00

## INTERPRETATION:

1.Measurements in the same patient can show physiological& analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol. 2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

 Cow HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues.
 NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement





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	<b>Dr. Vinay Chopr</b> MD (Pathology & Mic Chairman & Consulta	robiology)		(Pathology)
NAME	: Mrs. ANCHAL			
AGE/ GENDER	: 33 YRS/FEMALE		PATIENT ID	: 1808038
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012503270024
	. 50101511			
REFERRED BY	:		<b>REGISTRATION DATE</b>	: 27/Mar/2025 09:36 AM
BARCODE NO.	: 01527856		COLLECTION DATE	: 27/Mar/2025 09:42AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		<b>REPORTING DATE</b>	: 27/Mar/2025 12:03PM
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
	LIVERF	<b>UNCTIO</b>	N TEST (COMPLETE	)
BILIRUBIN TOTAL: by DIAZOTIZATION, SPE		0.41	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT by DIAZO MODIFIED, SF	(CONJUGATED): SERUM	0.1	mg/dL	0.00 - 0.40
	CT (UNCONJUGATED): SERUM	0.31	mg/dL	0.10 - 1.00
SGOT/AST: SERUM		19.7	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYR		13.8	U/L	0.00 - 49.00
AST/ALT RATIO: SE	RUM	1.43	RATIO	0.00 - 46.00
ALKALINE PHOSPH		110.61	U/L	40.0 - 130.0
GAMMA GLUTAMY by SZASZ, SPECTROPH	L TRANSFERASE (GGT): SERUN ITOMETRY	A 22.65	U/L	0.00 - 55.0
TOTAL PROTEINS: by BIURET, SPECTROP		7.26	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GR		4.2	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPEC		3.06	gm/dL	2.30 - 3.50
A : G RATIO: SERUN by CALCULATED, SPEC	Λ	1.37	RATIO	1.00 - 2.00

**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:

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5
k	





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	Dr. Vinay Chop MD (Pathology & Mi Chairman & Consult	icrobiology)	ngam Chopra MD (Pathology) ultant Pathologist	
NAME	: Mrs. ANCHAL			
AGE/ GENDER	: 33 YRS/FEMALE	PATIENT ID	: 1808038	
COLLECTED BY	: SURJESH	<b>REG. NO./LAB NO.</b>	:012503270024	
<b>REFERRED BY</b>	:	<b>REGISTRATION DAT</b>	TE : 27/Mar/2025 09:36 AM	i
BARCODE NO.	: 01527856	COLLECTION DATE	: 27/Mar/2025 09:42AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 27/Mar/2025 12:03PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value Unit	Biological Ref	erence interval
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slight)	ly Increased)	

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). **PROGNOSTIC SIGNIFICANCE:** 

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6

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LE	PA	ATIENT ID	: 1808038
	RI	EG. NO./LAB NO.	: 012503270024
	RI	EGISTRATION DATE	: 27/Mar/2025 09:36 AM
	CC	DLLECTION DATE	: 27/Mar/2025 09:42AM
TIC LAB	RI	EPORTING DATE	: 27/Mar/2025 12:03PM
OLSON ROAD, AM	BALA CANTT		
	Value	Unit	Biological Reference interva
KIDNEY	FUNCTION	TEST (COMPLETI	E)
	25.39	mg/dL	10.00 - 50.00
ASE (GLDH)	20.07	ing all	10.00 20.00
	0.95	mg/dL	0.40 - 1.20
SERUM	11.86	mg/dL	7.0 - 25.0
Y	11.80	ing/uL	7.0 - 25.0
CREATININE	12.48	RATIO	10.0 - 20.0
	26.73	RATIO	
	20.75	KAHO	
	5.89	mg/dL	2.50 - 6.80
		m a/dI	8 50 10 60
	10.65 <sup>H</sup>	mg/dL	8.50 - 10.60
	3.27	mg/dL	2.30 - 4.70
TOMETRY			
	137.85	mmol/L	135.0 - 150.0
	4 62	mmol/I	3.50 - 5.00
	4.02	IIIII01/L	3.30 - 3.00
	103.39	mmol/L	90.0 - 110.0
ΈΡΑΤΙΩΝ ΡΑΤΙ	F		
EKATION RATE	81.1		
	Y M Y DTOMETRY TERATION RATE	Му 26.73 5.89 10.65 <sup>H</sup> 3.27 137.85 4.62 103.39	My       26.73       RATIO         5.89       mg/dL         10.65 <sup>H</sup> mg/dL         3.27       mg/dL         137.85       mmol/L         103.39       mmol/L

To differentiate between pre- and post renal azotemia.

INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





		Dr. Vinay Cho MD (Pathology & N Chairman & Consu	1icrobiology)		am Chopra 1D (Pathology) ant Pathologist	
NAME	: Mrs. ANCH	AL				
AGE/ GENDER	: 33 YRS/FEM	<b>/</b> IALE	P	ATIENT ID	: 1808038	
COLLECTED BY	: SURJESH		D	EG. NO./LAB NO.	: 0125032700	91
REFERRED BY	:			EGISTRATION DATI		
BARCODE NO.	:01527856		C	OLLECTION DATE	: 27/Mar/2025 (	)9:42AM
CLIENT CODE.	: KOS DIAGN	OSTIC LAB	R	EPORTING DATE	: 27/Mar/2025 1	2:03PM
CLIENT ADDRESS	: 6349/1, NI	CHOLSON ROAD, A	MBALA CANTT			
Test Name			Value	Unit	Biolog	ical Reference interval
burns, surgery, cache 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>INCREASED RATIO (&gt;2</b> 1. Postrenal azotemia	ction plus ke or productio kia, high fever) (e.g. ureter co ass (subnorma tetracycline, g D:1) WITH ELEV (BUN rises dis	lostomy) l creatinine produc lucocorticoids) <b>/ATED CREATININE L</b> proportionately mc	tion) EVELS:	n, GI bleeding, thyroto e) (e.g. obstructive uro		rome, high protein diet,
5. Impaired renal fun 6. Excess protein intal burns, surgery, cache. 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>INCREASED RATIO (&gt;2</b> 1. Postrenal azotemia 2. Prerenal azotemia <b>DECREASED RATIO (&lt;1</b> 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of der 5. Repeated dialysis ( 6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. <b>DECREASED RATIO (&lt;1</b> 1. Phenacimide thera 2. Rhabdomyolysis (reference)	ction plus ke or production kia, high fever) (e.g. ureter co ass (subnorman tetracycline, g D:1) WITH ELEV (BUN rises dis superimposed 0:1) WITH DEC bis. d starvation. creased urea signification f inappropiate 0:1) WITH INCE by (accelerates eleases muscle	lostomy) l creatinine produc lucocorticoids) <b>/ATED CREATININE L</b> proportionately mo on renal disease. <b>REASED BUN :</b> ynthesis. an creatinine diffus ea is virtually absen antidiuretic harmo <b>REASED CREATININE</b> is conversion of creat e creatinine).	tion) EVELS: ore than creatining es out of extracel t in blood). ne) due to tubula	e) (e.g. obstructive uro lular fluid). r secretion of urea.		rome, high protein diet,
5. Impaired renal fun 6. Excess protein intal burns, surgery, cache. 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>INCREASED RATIO (&gt;2</b> 1. Postrenal azotemia 2. Prerenal azotemia <b>DECREASED RATIO (&lt;1</b> 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of der 5. Repeated dialysis ( 6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. <b>DECREASED RATIO (&lt;1</b> 1. Phenacimide thera 2. Rhabdomyolysis (re 3. Muscular patients v	ction plus ke or production kia, high fever) (e.g. ureter co ass (subnorman tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis- superimposed <b>0:1) WITH DEC</b> bis. d starvation. creased urea si- urea rather than nonemias (urea- f inappropiate <b>0:1) WITH INCI</b> by (accelerates eleases muscle who develop re-	lostomy) l creatinine produc lucocorticoids) <b>/ATED CREATININE L</b> proportionately mo on renal disease. <b>REASED BUN :</b> ynthesis. an creatinine diffus ea is virtually absen antidiuretic harmo <b>REASED CREATININE</b> s conversion of creat e creatinine). enal failure.	tion) EVELS: ore than creatining t in blood). ne) due to tubula : tine to creatinine	e) (e.g. obstructive uro lular fluid). r secretion of urea. ).	opathy).	
5. Impaired renal fun 6. Excess protein intal burns, surgery, cache. 7. Urine reabsorption 8. Reduced muscle m 9. Certain drugs (e.g. <b>INCREASED RATIO (&gt;2</b> 1. Postrenal azotemia 2. Prerenal azotemia <b>DECREASED RATIO (&lt;1</b> 1. Acute tubular necro 2. Low protein diet ar 3. Severe liver disease 4. Other causes of der 5. Repeated dialysis ( 6. Inherited hyperami 7. SIADH (syndrome o 8. Pregnancy. <b>DECREASED RATIO (&lt;1</b> 1. Phenacimide thera 2. Rhabdomyolysis (re 3. Muscular patients v	ction plus ke or production kia, high fever) (e.g. ureter co ass (subnorman tetracycline, g <b>D:1) WITH ELEV</b> (BUN rises dis superimposed <b>0:1) WITH DEC</b> osis. d starvation. creased urea signification trea rather that monemias (urea f inappropiate <b>0:1) WITH INCE</b> oy (accelerates eleases muscle who develop re- sis (acetoaceta creased BUN/co apy (interferes	lostomy) l creatinine produc lucocorticoids) <b>/ATED CREATININE L</b> proportionately mo on renal disease. <b>REASED BUN :</b> ynthesis. an creatinine diffus ea is virtually absen antidiuretic harmo <b>REASED CREATININE</b> s conversion of creat creatinine). enal failure. tte causes false incr reatinine ratio). with creatinine me	tion) EVELS: ore than creatining t in blood). ne) due to tubula tine to creatining taken to creatining	e) (e.g. obstructive uro lular fluid). r secretion of urea. ).	opathy).	rome, high protein diet, rmal ratio when dehydrat

CKD STAGE	DESCRIPTION	GFR ( mL/min/1.73m2 )	ASSOCIATED FINDINGS
G1	Normal kidney function	>90	No proteinuria
G2	Kidney damage with	>90	Presence of Protein,
	normal or high GFR		Albumin or cast in urine
G3a	Mild decrease in GFR	60 -89	
G3b	Moderate decrease in GFR	30-59	
G4	Severe decrease in GFR	15-29	
G5	Kidney failure	<15	





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

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· · · · · · · · · · · · · · · · · · ·	G, /	(Pathology)
: Mrs. ANCHAL		
: 33 YRS/FEMALE	PATIENT ID	: 1808038
: SURJESH	<b>REG. NO./LAB NO.</b>	: 012503270024
:	<b>REGISTRATION DATE</b>	: 27/Mar/2025 09:36 AM
: 01527856	COLLECTION DATE	: 27/Mar/2025 09:42AM
: KOS DIAGNOSTIC LAB	<b>REPORTING DATE</b>	: 27/Mar/2025 12:03PM
: 6349/1, NICHOLSON ROAD, AMBALA	A CANTT	
	1	Biological Reference interval
-	MD (Pathology & Microbia Chairman & Consultant Pa : Mrs. ANCHAL : 33 YRS/FEMALE : SURJESH : : 01527856 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, AMBALA	MD (Pathology & Microbiology) Chairman & Consultant Pathologist MD CEO & Consultant : 33 YRS/FEMALE PATIENT ID : SURJESH REG. NO./LAB NO. : REGISTRATION DATE : 01527856 COLLECTION DATE

COMMENTS:

Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012
 In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure of CFD with the commended to measure

3. In patients, with eGFR cleaning between 45-59 minimit 1.73 m2 (G3) and without any marker of Kidney damage, it is recommended to measure eGFR with Cystatin C for confirmation of CKD
4. eGFR category G1 OR G2 does not fulfill the criteria for CKD, in the absence of evidence of Kidney Damage
5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure
6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C
7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated



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







	<b>Dr. Vinay Chopr</b> MD (Pathology & Mic Chairman & Consulta	robiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mrs. ANCHAL			
AGE/ GENDER	: 33 YRS/FEMALE	P	ATIENT ID	: 1808038
COLLECTED BY	: SURJESH	R	EG. NO./LAB NO.	: 012503270024
<b>REFERRED BY</b>	:	R	EGISTRATION DATE	: 27/Mar/2025 09:36 AM
BARCODE NO.	:01527856	C	OLLECTION DATE	: 27/Mar/2025 09:42AM
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		IRON P	ROFILE	
IRON: SERUM		81.4	μg/dL	37.0 - 145.0
by FERROZINE, SPECTROPHOTOMETRY UNSATURATED IRON BINDING CAPACITY (UIBC) :SERUM by FERROZINE, SPECTROPHOTOMETERY		281.1	μg/dL	150.0 - 336.0
TOTAL IRON BINDING CAPACITY (TIBC) :SERUM by SPECTROPHOTOMETERY		362.5	μg/dL	230 - 430
%TRANSFERRIN S	% TRANSFERRIN SATURATION: SERUM by CALCULATED, SPECTROPHOTOMETERY (FERENE)		%	15.0 - 50.0
TRANSFERRIN: SE by SPECTROPHOTOM	RUM	257.38	mg/dL	200.0 - 350.0

INTERPRETATION:-

VARIABLES	ANEMIA OF CHRONIC DISEASE	IRON DEFICIENCY ANEMIA	THALASSEMIA α/β TRAIT
SERUM IRON:	Normal to Reduced	Reduced	Normal
TOTAL IRON BINDING CAPACITY:	Decreased	Increased	Normal
% TRANSFERRIN SATURATION:	Decreased	Decreased < 12-15 %	Normal
SERUM FERRITIN:	Normal to Increased	Decreased	Normal or Increased

IRON:

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

1.Serum iron studies is recommended for differential diagnosis of microcytic hypochromic anemia.i.e iron deficiency anemia, zinc deficiency anemia, anemia of chronic disease and thalassemia syndromes.

It is essential to isolate iron deficiency anemia from Beta thalassemia syndromes because during iron replacement which is therapeutic for iron deficiency anemia, is severely contra-indicated in Thalassemia.
 TOTAL IRON BINDING CAPACITY (TIBC):

 It is a direct measure of protein transferrin which transports iron from the gut to storage sites in the bone marrow.

### % TRANSFERRIN SATURATION:

1.Occurs in idiopathic hemochromatosis and transfusional hemosiderosis where no unsaturated iron binding capacity is available for iron mobilization. Similar condition is seen in congenital deficiency of transferrin.





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







		C <b>hopra</b> y & Microbiology) Consultant Pathologist		m Chopra D (Pathology) nt Pathologist
NAME	: Mrs. ANCHAL			
AGE/ GENDER	: 33 YRS/FEMALE	]	PATIENT ID	: 1808038
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REFERRED BY	:	]	<b>REGISTRATION DATE</b>	: 27/Mar/2025 09:36 AM
BARCODE NO.	: 01527856		COLLECTION DATE	: 27/Mar/2025 09:42AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	]	REPORTING DATE	: 27/Mar/2025 03:14PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		ENDOCR	INOLOGY	
	Т	HYROID FUNCT	TION TEST: TOTA	L
TRIIODOTHYRON by CMIA (CHEMILUMIN	INE (T3): SERUM	0.958 OASSAY)	ng/mL	0.35 - 1.93
THYROXINE (T4): by CMIA (CHEMILUMIN	SERUM IESCENT MICROPARTICLE IMMUN	8.35 OASSAY)	µgm/d	L 4.87 - 12.60
	ATING HORMONE (TSH): ESCENT MICROPARTICLE IMMUN	0.500	μIU/ml	0.35 - 5.50
3rd GENERATION, ULT INTERPRETATION:	RASENSITIVE			
TSH levels are subject to o day has influence on the triiodothyronine (T3).Fai	measured serum TSH concentrations	s. TSH stimulates the prod	duction and secretion of the	pm. The variation is of the order of 50%.Hence time of t metabolically active hormones, thyroxine (T4)and ther underproduction (hypothyroidism) or
CLINICAL CONDITION	Т3		T4	TSH
Primary Hypothyroidis		• /	Reduced	Increased (Significantly)
Subclinical Hypothyroi	dism: Normal or L	ow Normal N	ormal or Low Normal	High

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LIN	/ 11 1 /	1110	7143	•

Primary Hyperthyroidism:

Subclinical Hyperthyroidism:

1. T3 and T4 circulates in reversibly bound form with Thyroid binding globulins (TBG), and to a lesser extent albumin and Thyroid binding Pre Albumin so conditions in which TBG and protein levels alter such as pregnancy, excess estrogens, androgens, anabolic steroids and glucocorticoids may falsely affect the T3 and T4 levels and may cause false thyroid values for thyroid function tests.

Increased

Normal or High Normal

2. Normal levels of T4 can also be seen in Hyperthyroid patients with :T3 Thyrotoxicosis, Decreased binding capacity due to hypoproteinemia or ingestion of certain drugs (e.g.: phenytoin , salicylates).

3. Serum T4 levels in neonates and infants are higher than values in the normal adult , due to the increased concentration of TBG in neonate serum.

4. TSH may be normal in central hypothyroidism, recent rapid correction of hyperthyroidism or hypothyroidism, pregnancy, phenytoin therapy.

TRIIODOTHYRONINE (T3)		THYROXINE (T4)		THYROID STIMULATING HORMONE (TSH)	
Age	Refferance Range (ng/mL)	Age	Refferance Range (µg/dL)	Age	Reference Range ( μIU/mL)
0 - 7 Days	0.20 - 2.65	0 - 7 Days	5.90 - 18.58	0 - 7 Days	2.43 - 24.3
7 Days - 3 Months	0.36 - 2.59	7 Days - 3 Months	6.39 - 17.66	7 Days - 3 Months	0.58 - 11.00
3 - 6 Months	0.51 - 2.52	3 - 6 Months	6.75 - 17.04	3 Days – 6 Months	0.70 - 8.40

Increased

Normal or High Normal





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Reduced (at times undetectable)

Reduced





EXCELLENCE IN HEALTHCARE & DIAGNOSTICS
Dr. Yugam Chopra MD (Pathology)

Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. ANCHAL **AGE/ GENDER** : 33 YRS/FEMALE **PATIENT ID** :1808038 **COLLECTED BY** : SURJESH REG. NO./LAB NO. :012503270024 **REFERRED BY REGISTRATION DATE** : 27/Mar/2025 09:36 AM : **BARCODE NO.** :01527856 **COLLECTION DATE** : 27/Mar/2025 09:42AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 27/Mar/2025 03:14PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Dr. Vinay Chopra MD (Pathology & Microbiology)

Test Name			Value	Unit	:	<b>Biological Reference interval</b>
6 - 12 Months	0.74 - 2.40	6 - 12 Months	7.10 - 16.16	6 - 12 Months	0.70 - 7.00	
1 - 10 Years	0.92 - 2.28	1 - 10 Years	6.00 - 13.80	1 – 10 Years	0.60 - 5.50	
11- 19 Years	0.35 - 1.93	11 - 19 Years	4.87- 13.20	11 – 19 Years	0.50 - 5.50	
> 20 years (Adults)	0.35 - 1.93	> 20 Years (Adults)	4.87 - 12.60	> 20 Years (Adults)	0.35-5.50	
	RECOM	MENDATIONS OF TSH LI	EVELS DURING PRE	GNANCY ( µIU/mL)		
	1st Trimester			0.10 - 2.50		
	2nd Trimester			0.20 - 3.00		
	3rd Trimester			0.30 - 4.10		

#### INCREASED TSH LEVELS:

1.Primary or untreated hypothyroidism may vary from 3 times to more than 100 times normal depending upon degree of hypofunction.

2. Hypothyroid patients receiving insufficient thyroid replacement therapy.

3.Hashimotos thyroiditis

4.DRUGS: Amphetamines, iodine containing agents & dopamine antagonist.

5.Neonatal period, increase in 1st 2-3 days of life due to post-natal surge

DECREASED TSH LEVELS:

1.Toxic multi-nodular goiter & Thyroiditis.

2. Over replacement of thyroid hormone in treatment of hypothyroidism.

3. Autonomously functioning Thyroid adenoma

4.Secondary pituitary or hypothalamic hypothyroidism

5. Acute psychiatric illness

6.Severe dehydration.

7.DRUGS: Glucocorticoids, Dopamine, Levodopa, T4 replacement therapy, Anti-thyroid drugs for thyrotoxicosis.

8.Pregnancy: 1st and 2nd Trimester



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	<b>Dr. Vinay Chop</b> MD (Pathology & Mic Chairman & Consulta	crobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mrs. ANCHAL			
AGE/ GENDER	: 33 YRS/FEMALE	PA	TIENT ID	: 1808038
<b>COLLECTED BY</b>	: SURJESH	RE	EG. NO./LAB NO.	: 012503270024
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BARCODE NO.	: 01527856	CO	<b>ILLECTION DATE</b>	: 27/Mar/2025 09:42AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RF	EPORTING DATE	: 27/Mar/2025 03:14PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		VITAN	MINS	
	VITAMI	N D/25 HYDI	ROXY VITAMIN D	3
by CLIA (CHEMILUMIN	DROXY VITAMIN D3): SERUM ESCENCE IMMUNOASSAY)	7.3 <sup>L</sup>	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
<u>INTERPRETATION:</u>				

DEFICIENT:	< 20	ng/mL	
INSUFFICIENT:	21 - 29	ng/mL	
PREFFERED RANGE:	30 - 100	ng/mL	
INTOXICATION:	> 100	ng/mL	

1. Vitamin D compounds are derived from dietary ergocalciferol (from plants, Vitamin D2), or cholecalciferol (from animals, Vitamin D3), or by conversion of 7- dihydrocholecalciferol to Vitamin D3 in the skin upon Ultraviolet exposure.

2.25-OH--Vitamin D represents the main body resevoir and transport form of Vitamin D and transport form of Vitamin D, being stored in adipose tissue and tightly bound by a transport protein while in circulation.

3. Vitamin D plays a primary role in the maintenance of calcium homeostatis. It promotes calcium absorption, renal calcium absorption and phosphate reabsorption, skeletal calcium deposition, calcium mobilization, mainly regulated by parathyroid harmone (PTH). 4. Severe deficiency may lead to failure to mineralize newly formed osteoid in bone, resulting in rickets in children and osteomalacia in adults. DECREASED:

1.Lack of sunshine exposure.

2.Inadequate intake, malabsorption (celiac disease) 3.Depressed Hepatic Vitamin D 25- hydroxylase activity

4.Secondary to advanced Liver disease

5. Osteoporosis and Secondary Hyperparathroidism (Mild to Moderate deficiency)

6.Enzyme Inducing drugs: anti-epileptic drugs like phenytoin, phenobarbital and carbamazepine, that increases Vitamin D metabolism.

INCREASED: 1. Hypervitaminosis D is Rare, and is seen only after prolonged exposure to extremely high doses of Vitamin D. When it occurs, it can result in

severe hypercalcemia and hyperphophatemia. CAUTION: Replacement therapy in deficient individuals must be monitored by periodic assessment of Vitamin D levels in order to prevent

hypervitaminosis D NOTE:-Dark coloured individuals as compare to whites, is at higher risk of developing Vitamin D deficiency due to excess of melanin pigment which

interefere with Vitamin D absorption.



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		<b>Chopra</b> gy & Microbiology) Consultant Pathologist		(Pathology)			
NAME	: Mrs. ANCHAL						
AGE/ GENDER	: 33 YRS/FEMALE	]	PATIENT ID	: 1808038			
COLLECTED BY	: SURJESH	]	REG. NO./LAB NO.	: 012503270024			
REFERRED BY	:	,	REGISTRATION DATE	: 27/Mar/2025 09:36 AM			
BARCODE NO.	: 01527856		COLLECTION DATE	: 27/Mar/2025 09:42AM			
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 27/Mar/2025 03:21PM			
CLIENT ADDRESS	: 6349/1, NICHOLSON RO						
Test Name		Value	Unit	Biological Reference interval			
		VITAMIN B1	2/COBALAMIN				
VITAMIN B12/COB	ALAMIN: SERUM	296	pg/mL	190.0 - 890.0			
	ESCENT MICROPARTICLE IMMU		P.8,				
NTERPRETATION:-							
INCREASED VITAMIN B12		1 Drogno	DECREASED VITAMIN B12				
1.Ingestion of Vitamin C 2.Ingestion of Estrogen			1.Pregnancy 2.DRUGS:Aspirin, Anti-convulsants, Colchicine				
3.Ingestion of Vitamin A			3.Ethanol Igestion				
4.Hepatocellular injury			4. Contraceptive Harmones				
5.Myeloproliferative disorder			5.Haemodialysis				
6.Uremia			6. Multiple Myeloma				
1.Vitamin B12 (cobal		eins and requires intr	insic factor (IF) for absorp	tion. and returning it to the liver; very little is			





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: SURJESH

:



Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology) MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Mrs. ANCHAL : 33 YRS/FEMALE **PATIENT ID** :1808038 REG. NO./LAB NO. :012503270024 **REGISTRATION DATE** : 27/Mar/2025 09:36 AM :01527856 **COLLECTION DATE** : 27/Mar/2025 09:42AM : KOS DIAGNOSTIC LAB **REPORTING DATE** : 27/Mar/2025 09:55AM : 6349/1, NICHOLSON ROAD, AMBALA CANTT

Value Unit **Biological Reference interval** 

# **CLINICAL PATHOLOGY**

## **URINE ROUTINE & MICROSCOPIC EXAMINATION**

PHYSICAL EXAMINATION			
QUANTITY RECIEVED by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	10	ml	
COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW
TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	HAZY		CLEAR
SPECIFIC GRAVITY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	1.02		1.002 - 1.030
CHEMICAL EXAMINATION			
REACTION by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	6		5.0 - 7.5
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)

**MICROSCOPIC EXAMINATION** 



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NAME

AGE/ GENDER

**COLLECTED BY** 

**REFERRED BY** 

**BARCODE NO.** 

CLIENT CODE.

Test Name

**CLIENT ADDRESS** 







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

NAME	: Mrs. ANCHAL						
AGE/ GENDER : 33 YRS/FEMALE		PATIENT ID		: 1808038			
COLLECTED BY	: SURJESH	REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE		: 012503270024 : 27/Mar/2025 09:36 AM : 27/Mar/2025 09:42AM : 27/Mar/2025 09:55AM			
<b>REFERRED BY</b>	:						
BARCODE NO.	: 01527856						
CLIENT CODE.	: KOS DIAGNOSTIC LAB						
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT						
Test Name		Value	Unit	Biological Reference interval			
RED BLOOD CELL	S (RBCs) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3			
PUS CELLS by MICROSCOPY ON (	CENTRIFUGED URINARY SEDIMENT	3-4	/HPF	0 - 5			
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		5-7	-7 /HPF	ABSENT			
		NEGATIVE (-ve)		NEGATIVE (-ve)			
CASTS by MICROSCOPY ON C	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)			
BACTERIA by MICROSCOPY ON (	CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)			
OTHERS		NEGATIVE (-ve)		NEGATIVE (-ve)			

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA)

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

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

ABSENT



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

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

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