

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultan	obiology)		(Pathology)
NAME :	Miss. BHAWANA			
AGE/ GENDER :	30 YRS/FEMALE		PATIENT ID	: 1659445
COLLECTED BY :			REG. NO./LAB NO.	: 012411030035
REFERRED BY :			REGISTRATION DATE	: 03/Nov/2024 11:21 AM
BARCODE NO. :	01519985		COLLECTION DATE	:03/Nov/2024 11:26AM
	KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/Nov/2024 11:52AM
CLIENT ADDRESS :	6349/1, NICHOLSON ROAD, AMBA	ALA CANTI	ſ	
Test Name		Value	Unit	Biological Reference interval
RED BLOOD CELLS (I			ELLNESS PANEL: 1.4 LOOD COUNT (CBC)	5
HAEMOGLOBIN (HB)		9.6 ^L	gm/dL	12.0 - 16.0
RED BLOOD CELL (RB	C) COUNT USING, ELECTRICAL IMPEDENCE	4.17	Millions	/cmm 3.50 - 5.00
PACKED CELL VOLUM		32.1 ^L	%	37.0 - 50.0
MEAN CORPUSCULAR		77 ^L	fL	80.0 - 100.0
MEAN CORPUSCULAR	HAEMOGLOBIN (MCH)	23 ^L	pg	27.0 - 34.0
MEAN CORPUSCULAR	HEMOGLOBIN CONC. (MCHC)	29.9 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBUT	ION WIDTH (RDW-CV) DMATED HEMATOLOGY ANALYZER	16.8 ^H	%	11.00 - 16.00
RED CELL DISTRIBUT	ION WIDTH (RDW-SD) DMATED HEMATOLOGY ANALYZER	48.5	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		18.47	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by CALCULATED		30.99	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS				
TOTAL LEUCOCYTE CO	OUNT (TLC) ′ sf cube & microscopy	9930	/cmm	4000 - 11000
NUCLEATED RED BLO		NIL		0.00 - 20.00
NUCLEATED RED BLO		NIL	%	< 10 %





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

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Page 1 of 22



NAME



:1659445

:012411030035

:03/Nov/2024 11:21 AM

:03/Nov/2024 11:26AM

:03/Nov/2024 11:52AM

50 - 70

20 - 40

1 - 6

2 - 12

Biological Reference interval

Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Miss. BHAWANA **PATIENT ID** AGE/ GENDER : 30 YRS/FEMALE **COLLECTED BY** REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** : **BARCODE NO.** :01519985 **COLLECTION DATE CLIENT CODE.** : KOS DIAGNOSTIC LAB **REPORTING DATE CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **DIFFERENTIAL LEUCOCYTE COUNT (DLC) NEUTROPHILS** 77^H % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 16^L LYMPHOCYTES % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 2 % by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 5 %

by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	70	~ 1~
BASOPHILS	0	%	0 - 1
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY			
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	7646 ^H	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1589	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	199	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	496	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
ABSOLUTE IMMATURE GRANULOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0.0 - 999.0
PLATELETS AND OTHER PLATELET PREDICT	TIVE MARKERS.		
PLATELET COUNT (PLT) by Hydro Dynamic Focusing, electrical impedence	314000 CE	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.31 CE	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENC	10 CE	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENC	82000 CE	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by Hydro Dynamic Focusing, electrical impedence	25.9 CE	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW)	15.7	%	15.0 - 17.0

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE



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Test Name	Value	Unit	Biological Reference interval

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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CLIENT CODE.	: KOS DIAGNOSTIC LAB		RTING DATE	: 03/Nov/2024 04:05PM
			KIING DATE	: 03/ NOV/ 2024 04.03PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
WHOLE BLOOD	EMOGLOBIN (HbA1c):	5	%	4.0 - 6.4
ESTIMATED AVERA	GE PLASMA GLUCOSE RMANCE LIQUID CHROMATOGRAPHY)	96.8	mg/dL	60.00 - 140.00
<u>INTERPRETATION:</u>				
	AS PER AIVIERICAN	DIABETES ASSOCIATION	(ADA): 'LATED HEMOGLOGIB	
	abetic Adults >= 18 years	GLICOSI	<5.7	
	t Risk (Prediabetes)	5.7 - 6.4		
	lagnosing Diabetes	>= 6.5		
			Age > 19 Years	
		Goals of The		< 7.0
Therapeut	ic goals for glycemic control	Actions Sugge		>8.0
		Age < 19 Years		
		Goal of ther		<7.5

KOS Diagnostic Lab

(A Unit of KOS Healthcare)

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 appropiate.

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 faisely 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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ARCODE NO.	: 01519985	CO	LLECTION DATE	:03/Nov/2024 11:26AM
LIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 03/Nov/2024 12:04PM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
Cest Name		Value	Unit	Biological Reference interval
TERPRETATION: ESR is a non-specif imune disease, but An ESR can be affe C-reactive protein This test may also stemic lupus ervth	does not tell the health practitione cted by other conditions besides in be used to monitor disease activity ematosus	r exactly where the flammation. For the	e inflammation is in th is reason, the ESR is ty	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
DNDITION WITH LO' low ESR can be see olycythaemia), sigr sickle cells in sickl OTE: ESR and C - reactiv Generally, ESR doe CRP is not affected If the ESR is elevat Women tend to ha Drugs such as dext	W ESR n with conditions that inhibit the no- nificantly high white blood cell cour e cell anaemia) also lower the ESR e protein (C-RP) are both markers o es not change as rapidly as does CRF by as many other factors as is ESR, ed, it is typically a result of two typ ye a higher ESR, and menstruation a	nt (leucocytosis) , a , f inflammation. P, either at the star making it a better es of proteins, glob and pregnancy can	nd some protein abno t of inflammation or a marker of inflammation pulins or fibrinogen. cause temporary eleva	ormalities. Šome changes in red cell shape (suc Is it resolves. n.





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Page 5 of 22





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CLIENT CODE.	: KOS DIAGNOST	TIC LAB		REPORTING DATE	:03/Nov/2024 12:17PM
CLIENT ADDRESS	: 6349/1, NICHO	OLSON ROAD, A	MBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
		CLINICA	AL CHEMIST	FRY/BIOCHEMIST	'RY
			GLUCOSE	FASTING (F)	
GLUCOSE FASTING		D-POD)	99.37	mg/dL	NORMAL: < 100.0 PREDIABETIC: 100.0 - 125.0

IN ACCRDANCE 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 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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		C hopra y & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Miss. BHAWANA : 30 YRS/FEMALE : : : 01519985 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROA	R R C R	ATIENT ID EG. NO./LAB NO. EGISTRATION DATE OLLECTION DATE EPORTING DATE	: 1659445 : 012411030035 : 03/Nov/2024 11:21 AM : 03/Nov/2024 11:26AM : 03/Nov/2024 12:36PM
Test Name		Value	Unit	Biological Reference interval
		LIPID PROF	TILE : BASIC	
CHOLESTEROL TOT by CHOLESTEROL OX		161.72	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.0
TRIGLYCERIDES: SI by GLYCEROL PHOSP	ERUM HATE OXIDASE (ENZYMATIC)	84.99	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0
HDL CHOLESTEROI by SELECTIVE INHIBITI	L (DIRECT): SERUM ON	70.73	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 60.0 HIGH HDL: > OR = 60.0
LDL CHOLESTEROI by CALCULATED, SPE		73.99	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 CHOLEST by CALCULATED, SPE		90.99	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	CTROPHOTOMETRY	17	mg/dL	0.00 - 45.00
TOTAL LIPIDS: SER by CALCULATED, SPE CHOLESTEROL/HD by CALCULATED, SPE	CTROPHOTOMETRY L RATIO: SERUM	408.43 2.29	mg/dL RATIO	350.00 - 700.00 LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0



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Page 7 of 22

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NAME	: Miss. BHAWANA			
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	RI	EPORTING DATE	:03/Nov/2024 12:36PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
LDL/HDL RATIO: S by CALCULATED, SPE		1.05	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0
TRIGLYCERIDES/H by CALCULATED, SPE	IDL RATIO: SERUM	1.2 ^L	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.

3. Low 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. 4. 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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Biological Reference interval

INFANT OOO OOO

Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Miss. BHAWANA AGE/ GENDER : 30 YRS/FEMALE **PATIENT ID COLLECTED BY** REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** : **BARCODE NO.** :01519985 **COLLECTION DATE** CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit LIVER FUNCTION TEST (COMPLETE) (17 0.00 DILIDUDIN TOTAL, CEDUM

BILIRUBIN TOTAL: SERUM by diazotization, spectrophotometry	0.86	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM by DIAZO MODIFIED, SPECTROPHOTOMETRY	0.17	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT (UNCONJUGATED): SERUM by CALCULATED, SPECTROPHOTOMETRY	0.69	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	16.7	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIDOXAL PHOSPHATE	10.4	U/L	0.00 - 49.00
AST/ALT RATIO: SERUM by CALCULATED, SPECTROPHOTOMETRY	1.61	RATIO	0.00 - 46.00
ALKALINE PHOSPHATASE: SERUM by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL	54.36	U/L	40.0 - 130.0
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	11.88	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by biuret, spectrophotometry	7.35	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by bromocresol green	4.18	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPECTROPHOTOMETRY	3.17	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by calculated, spectrophotometry	1.32	RATIO	1.00 - 2.00

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
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)





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INTERPRETATION





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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 03/Nov/2024 12:37PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAL	A CANTT	
Test Name	v	alue Unit	Biological Reference interva

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	



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Test Name		Value	Unit	Biological Reference interval
	KIDNI	EY FUNCTION	TEST (COMPLETE)	
UREA: SERUM		16.77	mg/dL	10.00 - 50.00
	ATE DEHYDROGENASE (GLDH)		Ũ	
CREATININE: SER		0.88	mg/dL	0.40 - 1.20
BLOOD UREA NITE	ROGEN (BUN): SERUM	7.84	mg/dL	7.0 - 25.0
-	ECTROPHOTOMETRY ROGEN (BUN)/CREATININE	8.91 ^L	RATIO	10.0 - 20.0
RATIO: SERUM	(DOIL)/ CREATIVINE	8.912	MATIO	10.0 - 20.0
	ECTROPHOTOMETRY	19.06	RATIO	
UREA/CREATININ by CALCULATED, SPE	E KATIO: SEKUM ECTROPHOTOMETRY	19.06	RATIO	
URIC ACID: SERUM		2.18 ^L	mg/dL	2.50 - 6.80
by URICASE - OXIDAS CALCIUM: SERUM	SE PEROXIDASE	10.12	mg/dL	8.50 - 10.60
by ARSENAZO III, SPE			Ŭ	
PHOSPHOROUS: SE	ERUM DATE, SPECTROPHOTOMETRY	2.4	mg/dL	2.30 - 4.70
ELECTROLYTES				
SODIUM: SERUM		137.8	mmol/L	135.0 - 150.0
by ISE (ION SELECTIV POTASSIUM: SERU		3.99	mmol/L	3.50 - 5.00
by ISE (ION SELECTIV		3.99	IIIII01/ L	5.50 - 5.00
CHLORIDE: SERUM		103.35	mmol/L	90.0 - 110.0
by ISE (ION SELECTIV ESTIMATED GLOM	TERULAR FILTERATION RATE			
	ERULAR FILTERATION RATE	90.6		

INTERPRETATION:

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.

2. Catabolic states with increased tissue breakdown.

3. GI haemorrhage.



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





		hopra & Microbiology) nsultant Pathologist		gam Chopra MD (Pathology) ultant Pathologist		
NAME	: Miss. BHAWANA					
AGE/ GENDER	: 30 YRS/FEMALE	P	ATIENT ID	: 1659445		
COLLECTED BY	:	R	REG. NO./LAB NO.	:0124110)30035	
REFERRED BY			REGISTRATION DAT		2024 11:21 AM	r
BARCODE NO.	: 01519985		COLLECTION DATE		2024 11:26AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/NOV/2	2024 12:36PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD), AMBALA CANTT				
Test Name		Value	Unit	B	iological Refe	erence interv
8. Reduced muscle m 9. Certain drugs (e.g. INCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia	xia, high fever). (e.g. ureter colostomy) ass (subnormal creatinine prod tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATINIF (BUN rises disproportionately superimposed on renal disease	IE LEVELS: more than creatinin	e) (e.g. obstructive u	iropathy).		
 Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (<' Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome c Pregnancy. DECREASED RATIO (<' Rhabdomyolysis (r Muscular patients INAPPROPIATE RATIO Diabetic ketoacido should produce an in Cephalosporin ther 	(e.g. ureter colostomy) ass (subnormal creatinine prod tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATINIF (BUN rises disproportionately superimposed on renal disease 0:1) WITH DECREASED BUN : osis. ad starvation. b. creased urea synthesis. urea rather than creatinine dif monemias (urea is virtually ab: of inappropiate antidiuretic har 0:1) WITH INCREASED CREATIN py (accelerates conversion of c eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false i creased BUN/creatinine ratio). apy (interferes with creatinine ILAR FILTERATION RATE: DESCRIPTION Normal kidney fun Kidney damage v	VE LEVELS: more than creatining fuses out of extracel sent in blood). mone) due to tubula INE: reatine to creatining measurement). 	llular fluid). r secretion of urea. e).	odologies,resulting <u>ASSOCIATED FINI</u> <u>No proteinur</u> Presence of Pro	DINGS ia tein ,	o when dehyd
A. Reduced muscle m Certain drugs (e.g. NCREASED RATIO (>2 Postrenal azotemia Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Nuscular patients NAPPROPIATE RATIO Diabetic ketoacido hould produce an in Cephalosporin ther STIMATED GLOMERL CKD STAGE G1 G2	(e.g. ureter colostomy) ass (subnormal creatinine prod tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATINI (BUN rises disproportionately superimposed on renal disease 0:1) WITH DECREASED BUN : osis. ad starvation. b. creased urea synthesis. urea rather than creatinine dif monemias (urea is virtually ab: of inappropiate antidiuretic har 0:1) WITH INCREASED CREATIN py (accelerates conversion of c eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false i creased BUN/creatinine ratio). apy (interferes with creatinine ULAR FILTERATION RATE: <u>DESCRIPTION</u> Normal kidney fun Kidney damage v normal or high C	VE LEVELS: more than creatining fuses out of extracel sent in blood). mone) due to tubula INE: reatine to creatining measurement). GFR (mL ction	Ilular fluid). r secretion of urea. e). e with certain metho /min/1.73m2) >90 >90	odologies,resulting ASSOCIATED FINI No proteinur	DINGS ia tein ,	o when dehyd
B. Reduced muscle m Certain drugs (e.g. INCREASED RATIO (>2 Prerenal azotemia DECREASED RATIO (< Acute tubular necr Low protein diet ar Severe liver disease Other causes of de Repeated dialysis (Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Inherited hyperam SIADH (syndrome of Pregnancy. DECREASED RATIO (< Inherited hyperam SIADH (syndrome of Nuscular patients INAPPROPIATE RATIO Liabetic ketoacido should produce an in Cephalosporin ther ESTIMATED GLOMERL G1 G2 G3a	(e.g. ureter colostomy) ass (subnormal creatinine prod tetracycline, glucocorticoids) 0:1) WITH ELEVATED CREATINIF (BUN rises disproportionately superimposed on renal disease 0:1) WITH DECREASED BUN : osis. ad starvation. e. creased urea synthesis. urea rather than creatinine dif monemias (urea is virtually ab: of inappropiate antidiuretic har 0:1) WITH INCREASED CREATIN py (accelerates conversion of c eleases muscle creatinine). who develop renal failure. : sis (acetoacetate causes false i creased BUN/creatinine ratio). apy (interferes with creatinine LAR FILTERATION RATE: DESCRIPTION Normal kidney fun Kidney damage v normal or high C	VE LEVELS: more than creatining fuses out of extracel sent in blood). mone) due to tubula INE: reatine to creatining measurement). GFR (mL GFR	Ilular fluid). r secretion of urea. e). e with certain metho /min/1.73m2) >90 >90 60 -89	odologies,resulting <u>ASSOCIATED FINI</u> <u>No proteinur</u> Presence of Pro	DINGS ia tein ,	o when dehyd
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	Dr. Vinay Chopra MD (Pathology & Microbiolog Chairman & Consultant Patho		(Pathology)
NAME	: Miss. BHAWANA		
AGE/ GENDER	: 30 YRS/FEMALE	PATIENT ID	: 1659445
COLLECTED BY	:	REG. NO./LAB NO.	: 012411030035
REFERRED BY	:	REGISTRATION DATE	: 03/Nov/2024 11:21 AM
BARCODE NO.	: 01519985	COLLECTION DATE	:03/Nov/2024 11:26AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 03/Nov/2024 12:36PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA	NTT	
Test Name	Value	Unit	Biological Reference interval

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. Vinay Chopra Dr. Yugam Chopra MD (Pathology) MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Miss. BHAWANA AGE/ GENDER : 30 YRS/FEMALE **PATIENT ID** :1659445 **COLLECTED BY** :012411030035 REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** :03/Nov/2024 11:21 AM : **BARCODE NO.** :01519985 **COLLECTION DATE** :03/Nov/2024 11:26AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :03/Nov/2024 12:36PM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval IRON PROFILE**

IRON: SERUM by FERROZINE, SPECTROPHOTOMETRY	24.7 ^L	µg/dL	37.0 - 145.0
UNSATURATED IRON BINDING CAPACITY (UIBC) :SERUM by FERROZINE, SPECTROPHOTOMETERY	352.91 ^H	μg/dL	150.0 - 336.0
TOTAL IRON BINDING CAPACITY (TIBC) :SERUM by Spectrophotometery	377.61	μg/dL	230 - 430
%TRANSFERRIN SATURATION: SERUM by Calculated, spectrophotometery (ferene)	6.54 ^L	%	15.0 - 50.0
TRANSFERRIN: SERUM by SPECTROPHOTOMETERY (FERENE)	268.1	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

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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TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





	Dr. Vinay Ch MD (Pathology & Chairman & Con	Microbiology)	M	m Chopra D (Pathology) nt Pathologist
NAME	: Miss. BHAWANA			
AGE/ GENDER	: 30 YRS/FEMALE		PATIENT ID	: 1659445
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		ENDOC	RINOLOGY	
	TH	YROID FUNC	TION TEST: TOTAI	
TRIIODOTHYRONII	NE (T3): SERUM ESCENT MICROPARTICLE IMMUNOAS	1.224 SSAY)	ng/mL	0.35 - 1.93
THYROXINE (T4): S	ERUM ESCENT MICROPARTICLE IMMUNOAS	6.17 SSAY)	μgm/d	L 4.87 - 12.60
	TING HORMONE (TSH): SERU		µIU/m	L 0.35 - 5.50
3rd GENERATION, ULT. INTERPRETATION:		,		
day has influence on the i triiodothyronine (T3).Fai	measured serum TSH concentrations. TS	H stimulates the pro	oduction and secretion of the	pm. The variation is of the order of 50%.Hence time of the metabolically active hormones, thyroxine (T4)and ther underproduction (hypothyroidism) or
CLINICAL CONDITION	T3		T4	TSH
Primary Hypothyroidis			Reduced	Increased (Significantly)
Subclinical Hypothyroi	dism: Normal or Low	Normal	Normal or Low Normal	High

LIMITATIONS:-

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

Reduced (at times undetectable)

Reduced

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.

TRIIODOTH	YRONINE (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	
6 - 12 Months	0.74 - 2.40	6 - 12 Months	7.10 - 16.16	6 – 12 Months	0.70 - 7.00	

Increased

Normal or High Normal





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	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologis		(Pathology)
NAME	: Miss. BHAWANA		
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Test Name			Value	Unit	t	Biological Reference interval
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	
	RECON	IMENDATIONS OF TSH LE	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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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



GE/ GENDER : 30 OLLECTED BY : EFERRED BY : ARCODE NO. : 01 LIENT CODE. : K0	XY VITAMIN D3): SH	Value	PATIENT ID REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 1659445 : 012411030035 : 03/Nov/2024 11 : 03/Nov/2024 11 : 03/Nov/2024 12 Biologic	:21 AM :26AM
OLLECTED BY : EFERRED BY : ARCODE NO. : 01 LIENT CODE. : K(LIENT ADDRESS : 63 Test Name	1519985 COS DIAGNOSTIC LAB 349/1, NICHOLSON R	Value	REG. NO./LAB NO. REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 012411030035 : 03/Nov/2024 11 : 03/Nov/2024 11 : 03/Nov/2024 12	:21 AM :26AM :36PM
EFERRED BY : ARCODE NO. : 01 LIENT CODE. : K0 LIENT ADDRESS : 63 Fest Name	XOS DIAGNOSTIC LAB 349/1, NICHOLSON R XY VITAMIN D3): SH	Value	REGISTRATION DATE COLLECTION DATE REPORTING DATE	: 03/Nov/2024 11 : 03/Nov/2024 11 : 03/Nov/2024 12	:21 AM :26AM :36PM
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LIENT CODE. : K(LIENT ADDRESS : 63 Fest Name TTAMIN D (25-HYDRO) by CLIA (CHEMILUMINESCEN	XOS DIAGNOSTIC LAB 349/1, NICHOLSON R XY VITAMIN D3): SH	Value	REPORTING DATE	: 03/Nov/2024 12	:36PM
LIENT ADDRESS : 63 Test Name TTAMIN D (25-HYDRO) by CLIA (CHEMILUMINESCEI	349/1, NICHOLSON R	Value	C Unit		
TTAMIN D (25-HYDRO by CLIA (CHEMILUMINESCEI	XY VITAMIN D3): SH	vn		Biologic	al Reference interval
by CLIA (CHEMILUMINESCEI	XY VITAMIN D3): SH				
	NCE IMMUNOASSAV)		YDROXY VITAMIN D ng/mL		NCY: < 20.0
VIFRPRFIAIIU//V [·]	NGE IMMUNUASSAT)	20.1	0	INSUFFI SUFFICI	CIENCY: 20.0 - 30.0 ENCY: 30.0 - 100.0 Y: > 100.0
DEFICIENT	T:	< 20	n	g/mL	
INSUFFICIEN		21 - 29		g/mL	
PREFFERED RA		<u> </u>		g/mL g/mL	
issue and tightly bound b .Vitamin D plays a primar hosphate reabsorption, s .Severe deficiency may le ECREASED: .Lack of sunshine exposu. Inadequate intake, mala .Depressed Hepatic Vitan .Secondary to advanced I .Osteoporosis and Secon .Enzyme Inducing drugs: VCREASED: . Hypervitaminosis D is Ra evere hypercalcemia and AUTION: Replacement th ypervitaminosis D	sents the main body re- by a transport protein rry role in the mainter skeletal calcium depo- ead to failure to mine ure. absorption (celiac dise min D 25- hydroxylase Liver disease ndary Hyperparathroic anti-epileptic drugs li care, and is seen only a hyperphophatemia. herapy in deficient ind	esevoir and transport f while in circulation. lance of calcium home sition, calcium mobiliz ralize newly formed os activity ism (Mild to Moderate ke phenytoin, phenobic after prolonged expose viduals must be monit	form of Vitamin D and trans costatis. It promotes calciur ation, mainly requlated by p steoid in bone, resulting in r	n absorption, renal ca parathyroid harmone ickets in children and that increases Vitami of Vitamin D. When i nt of Vitamin D levels i	Ilcium absorption and (PTH). osteomalacia in adults. n D metabolism. t occurs, it can result in n order to prevent

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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REFERRED BY	:	J	REGISTRATION DATE	: 03/Nov/2024 11:21 AM
BARCODE NO.	: 01519985		COLLECTION DATE	: 03/Nov/2024 11:26AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/Nov/2024 12:43PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,			
CLIENT ADDRESS	. 0349/1, NICHULSON KOAD,	AWIDALA CAN I I		
Test Name		Value	Unit	Biological Reference interval
		VITAMIN B1	2/COBALAMIN	
VITAMIN B12/COI	BALAMIN: SERUM	239	pg/mL	190.0 - 890.0
, ,	NESCENT MICROPARTICLE IMMUNOAS	SSAY)	10	
INTERPRETATION:-				N 840
1.Ingestion of Vitar	SED VITAMIN B12	1.Pregnar	DECREASED VITAMI	N B12
2.Ingestion of Estro			Aspirin, Anti-convulsants	. Colchicine
3.Ingestion of Vitar		3.Ethanol		
4.Hepatocellular ir			ceptive Harmones	
5.Myeloproliferativ	ve disorder	5.Haemo		
6.Uremia			le Myeloma	
2.In humans, it is ob 3.The body uses its v excreted. 4.Vitamin B12 deficie ileal resection, smal 5.Vitamin B12 deficie proprioception, poor the neurologic defec 6.Serum methylmalc	ency may be due to lack of IF secr I intestinal diseases). ency frequently causes macrocyt coordination, and affective beha ts without macrocytic anemia. onic acid and homocysteine levels for antibodies to intrinsic factor (and requires intri ally, reabsorbing v retion by gastric m ic anemia, glossitis avioral changes. Th are also elevated IF) is recommende oes not rule out tis	nsic factor (IF) for absorp itamin B12 from the ileur ucosa (eg, gastrectomy, g s, peripheral neuropathy, nese manifestations may in vitamin B12 deficiency d to identify this potentia	n and returning it to the liver; very little is gastric atrophy) or intestinal malabsorption (eg weakness, hyperreflexia, ataxia, loss of occur in any combination; many patients have y states. al cause of vitamin B12 malabsorption. h B12. The most sensitive test for vitamin B12





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



Page 18 of 22





	Dr. Vinay Cl MD (Pathology Chairman & Col		Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Miss. BHAWANA			
AGE/ GENDER	: 30 YRS/FEMALE	PAT	IENT ID	: 1659445
COLLECTED BY	:	REG	NO./LAB NO.	: 012411030035
REFERRED BY	:	REG	ISTRATION DATE	: 03/Nov/2024 11:21 AM
BARCODE NO.	: 01519985	COL	LECTION DATE	:03/Nov/2024 11:26AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	:03/Nov/202403:56PM
CLIENT ADDDECC	0040/1 NICHOLCON DOAD	AMDALA CANTT		
ULIENI ADDRESS	: 6349/1, NICHOLSON ROAD	, AMBALA CAN I I		
	: 6349/1, NICHOLSON ROAD,	Value	Unit	Biological Reference interval
CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON ROAD,			Biological Reference interval
	: 6349/1, NICHOLSON ROAD,	Value	THOLOGY	Biological Reference interval
Test Name FECAL CALPROTE		Value CLINICAL PAT	THOLOGY	Biological Reference interval
Test Name FECAL CALPROTE by CLIA (CHEMILUMIN INTERPRETATION	CTIN	Value CLINICAL PAT FECAL CALPR	THOLOGY OTECTIN	
Test Name FECAL CALPROTE by CLIA (CHEMILUMIN INTERPRETATION	CTIN ESCENCE IMMUNOASSAY)	Value CLINICAL PAT FECAL CALPR	FHOLOGY OTECTIN μg/g	< 50.0

(A Unit of KOS Healthcare)

NOTE:

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT

1.To avoid potential false positive results, patients should abstain from using NSAIDs for at least two weeks prior to the test 2.1t is recommended to repeat all borderline results if clinically indicated Comments Calprotectin is a calcium-binding protein found within neutrophils which influx into the bowel during inflammation.

Calprotectin is excreted in excess into the intestinal lumen during the inflammatory process and act as a marker for inflammatory diseases of the lower gastrointestinal tract. The levels of the protein are high in cases of Inflammatory bowel diseases (IBD) but not in non-inflammatory bowel diseases e.g. Irritable bowel syndrome (IBS), therefore this test can help to differentiate between the two diseases.

USES:

1.To differentiate between IBS and IBD

2.To monitor the effectiveness of IBD therapy

3.To detect IBD relapse





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CLIENT CODE.	: KOS DIAGNOSTIC LAB		FING DATE	: 03/Nov/2024 12:00PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	IBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	URINE ROUT	FINE & MICROSCO	OPIC EXAMINA	ATION
PHYSICAL EXAMIN				
QUANTITY RECIEV	ED TANCE SPECTROPHOTOMETRY	10	ml	
COLOUR	TANCE SPECTROPHOTOMETRY	AMBER YELLOW		PALE YELLOW
TRANSPARANCY	TANCE SPECTROPHOTOMETRY	CLEAR		CLEAR
SPECIFIC GRAVITY		1.01		1.002 - 1.030
<u>CHEMICAL EXAMI</u>	NATION			
REACTION by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	ACIDIC		
-	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
-	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	5.5		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
NITRITE by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN	TANCE SPECTROPHOTOMETRY	Normal	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
MICROSCOPIC EXA				
-	(RBCs) CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3
PUS CELLS		1-3	/HPF	0 - 5



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

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

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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPO	RTING DATE	:03/Nov/2024 12:00PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMI	3ALA CANTT		
Test Name		Value	Unit	Biological Reference interval

EPITHELIAL CELLS	2-4	/HPF	ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
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)		NEGATIVE (-ve)
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	ABSENT		ABSENT

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REFERRED BY	:		REGIST	FRATION DATE	:03/Nov/2024 11:21 AM
BARCODE NO.	:01519985		COLLE	CTION DATE	:03/Nov/2024 11:26AM
CLIENT CODE.	: KOS DIAGNO	STIC LAB	REPOR	RTING DATE	: 03/Nov/2024 05:59PM
CLIENT ADDRESS	: 6349/1, NIC	HOLSON ROAD, A	MBALA CANTT		
Test Name			Value	Unit	Biological Reference interval
COLOUR / APPEAR	NCE		YELLOWISH BRO	OWN	YELLOWISH BROWN
CONSISTENCY PUS MUCOUS BLOOD	INCE		SOFT ABSENT ABSENT Negative	OWN	SEMI- FORMED/FORMED ABSENT ABSENT NEGATIVE (-ve)
CONSISTENCY PUS MUCOUS BLOOD PARASITES			SOFT ABSENT ABSENT	OWN	SEMI- FORMED/FORMED ABSENT ABSENT
CONSISTENCY PUS MUCOUS BLOOD PARASITES MICROSCOPIC EXA			SOFT ABSENT ABSENT Negative	OWN /HPF	SEMI- FORMED/FORMED ABSENT ABSENT NEGATIVE (-ve)
CONSISTENCY PUS MUCOUS BLOOD PARASITES MICROSCOPIC EXA PUS CELLS by MICROSCOPY	MINATION		SOFT ABSENT ABSENT Negative NOT SEEN Negative NEGATIVE (-ve)		SEMI- FORMED/FORMED ABSENT ABSENT NEGATIVE (-ve) NOT SEEN 0 - 5 0 - 3
CONSISTENCY PUS MUCOUS BLOOD PARASITES MICROSCOPIC EXA PUS CELLS by MICROSCOPY RED BLOOD CELLS by MICROSCOPY OVA by MICROSCOPY	MINATION		SOFT ABSENT ABSENT Negative NOT SEEN Negative NEGATIVE (-ve) NOT SEEN	/HPF	SEMI- FORMED/FORMED ABSENT ABSENT NEGATIVE (-ve) NOT SEEN 0 - 5 0 - 3 NOT SEEN
CONSISTENCY PUS MUCOUS BLOOD PARASITES MICROSCOPIC EXA PUS CELLS by MICROSCOPY RED BLOOD CELLS by MICROSCOPY OVA by MICROSCOPY	MINATION		SOFT ABSENT ABSENT Negative NOT SEEN Negative NEGATIVE (-ve)	/HPF	SEMI- FORMED/FORMED ABSENT ABSENT NEGATIVE (-ve) NOT SEEN 0 - 5 0 - 3
CONSISTENCY PUS MUCOUS BLOOD PARASITES MICROSCOPIC EXA PUS CELLS by MICROSCOPY RED BLOOD CELLS by MICROSCOPY OVA by MICROSCOPY OVA cySTS	MINATION (RBCs)		SOFT ABSENT ABSENT Negative NOT SEEN Negative NEGATIVE (-ve) NOT SEEN	/HPF /HPF	SEMI- FORMED/FORMED ABSENT ABSENT NEGATIVE (-ve) NOT SEEN 0 - 5 0 - 3 NOT SEEN

*** End Of Report



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