



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology)		(Pathology)
NAME	: Mr. VIKASH MALOHARTA			
AGE/ GENDER	: 50 YRS/MALE		PATIENT ID	: 1581917
COLLECTED BY	:		REG. NO./LAB NO.	: 012502150003
REFERRED BY	:		REGISTRATION DATE	: 15/Feb/2025 07:21 AM
BARCODE NO.	: 01525531		COLLECTION DATE	: 15/Feb/2025 07:53AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 15/Feb/2025 08:31AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	ALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		HAEMA	ATOLOGY	
	СОМР	LETE BLO	DOD COUNT (CBC)	
RED BLOOD CELLS	(RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB by CALORIMETRIC	3)	14.1	gm/dL	12.0 - 17.0
RED BLOOD CELL (R	RBC) COUNT	4.78	Millions/	cmm 3.50 - 5.00
PACKED CELL VOLU	ME (PCV) JTOMATED HEMATOLOGY ANALYZER	42.5	%	40.0 - 54.0
MEAN CORPUSCULA		88.8	fL	80.0 - 100.0
	AR HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER	29.5	pg	27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER	33.2	g/dL	32.0 - 36.0
	TION WIDTH (RDW-CV) JTOMATED HEMATOLOGY ANALYZER	15.7	%	11.00 - 16.00
	JTION WIDTH (RDW-SD) JTOMATED HEMATOLOGY ANALYZER	52.2	fL	35.0 - 56.0
MENTZERS INDEX		18.58	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA:
GREEN & KING IND	EX	29.17	RATIO	>13.0 BETA THALASSEMIA TRAIT:<= 65.0
				IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CEL	LS (WBCS)			
FOTAL LEUCOCYTE	COUNT (TLC) by sf cube & microscopy	5080	/cmm	4000 - 11000
	LOOD CELLS (nRBCS) T HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
by AUTOMATED 6 PAR				





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





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

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Test Name	Value	Unit	Biological Reference interval

Test Name	Value	Unit	Biological Reference interval
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			
NEUTROPHILS	58	%	50 - 70
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY			
LYMPHOCYTES by flow cytometry by SF cube & microscopy	23	%	20 - 40
EOSINOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	10 ^H	%	1 - 6
MONOCYTES by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	9	%	2 - 12
BASOPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	%	0 - 1
IMMATURE GRANULOCTE (IG) % by flow cytometry by sf cube & microscopy	0	%	0 - 5.0
ABSOLUTE LEUKOCYTES (WBC) COUNT			
ABSOLUTE NEUTROPHIL COUNT by flow cytometry by sf cube & microscopy	2946	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1168	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by flow cytometry by sf cube & microscopy	508 ^H	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by flow cytometry by sf cube & microscopy	457	/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 PREDICTIVE	MARKERS.		
PLATELET COUNT (PLT) by hydro dynamic focusing, electrical impedence	192000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.24	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	12 ^H	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	81000	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	42.4	%	11.0 - 45.0





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Test Name		Value	Unit	Biological Reference interval
PLATELET DISTRIE	BUTION WIDTH (PDW)	17	%	15.0 - 17.0

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		SGOT/SGP	Г PROFILE	
SGOT/AST: SERUM		20.9	U/L	7.00 - 45.00
SGPT/ALT: SERUM	/RIDOXAL PHOSPHATE [/RIDOXAL PHOSPHATE	22.1	U/L	0.00 - 49.00
SGOT/SGPT RATIC		0.95		
by CALCULATED, SPE	ECTROPHOTOMETRY			
by CALCULATED, SPE INTERPRETATION NOTE:- To be correlat	ECTROPHOTOMETRY ted in individuals having SGOT and Ignosis of diseases of hepatobilia			Range.
by CALCULATED, SPE INTERPRETATION NOTE:- To be correlat USE:- Differential dia	ted in individuals having SGOT and			Range.
by CALCULATED, SPE INTERPRETATION NOTE:- To be correlat USE:- Differential dia INCREASED:- DRUG HEPATOTOXIO	ted in individuals having SGOT and gnosis of diseases of hepatobilian		> 2	
by CALCULATED, SPE INTERPRETATION NOTE:- To be correlat USE:- Differential dia INCREASED:- DRUG HEPATOTOXI ALCOHOLIC HEPATI	ted in individuals having SGOT and gnosis of diseases of hepatobilian		reas. > 2 > 2 (Highly Sugges	
by CALCULATED, SPE INTERPRETATION NOTE:- To be correlat USE:- Differential dia INCREASED:- DRUG HEPATOTOXIO	ted in individuals having SGOT and ignosis of diseases of hepatobilia CITY TIS		> 2	

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).

PROGNOSTIC SIGNIFICANCE:-

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





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by CALCULATED, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN)/CREATININE



Dr Yugam Chopr

RATIO

RATIO

mg/dL

10.0 - 20.0

3.60 - 7.70

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Test Name		Value	Unit	Biological Reference interval
	KI	DNEY FUNCTIO	N TEST (BASIC)	
UREA: SERUM by UREASE - GLUTAM	IATE DEHYDROGENASE (GLDH)	20.81	mg/dL	10.00 - 50.00
CREATININE: SERU		1.12	mg/dL	0.40 - 1.40
	ROGEN (BUN): SERUM	9.72	mg/dL	7.0 - 25.0

8.68^L

18.58

5.24

Dr Vinay Chopr





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by CALCULATED, SPECTROPHOTOMETERY UREA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETERY URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE

RATIO: SERUM

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





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Fest Name		Value Unit	Biological Reference interval
burns, surgery, cache: 7. Urine reabsorption 3. Reduced muscle m. 9. Certain drugs (e.g. t NCREASED RATIO (>2 1. Postrenal azotemia 2. Prerenal azotemia 2. Prerenal azotemia 2. Prerenal azotemia 3. Severe liver disease 4. Other causes of det 5. Repeated dialysis (5. Repeated dialysis (5. Inherited hyperami 7. SIADH (syndrome o 3. Pregnancy. DECREASED RATIO (< 1. Phenacimide therap 2. Rhabdomyolysis (r 5. MAPPROPIATE RATIO 1. Diabetic ketoacido: should produce an in	xia, high fever). (e.g. ureterocolostomy) ass (subnormal creatinine produ tetracycline, glucocorticoids) 20:1) WITH ELEVATED CREATININI (BUN rises disproportionately m superimposed on renal disease. 10:1) WITH DECREASED BUN : osis. Id starvation. 2. creased urea synthesis. urea rather than creatinine diffu monemias (urea is virtually abse if inappropiate antidiuretic harm 10:1) WITH INCREASED CREATINII py (accelerates conversion of cre eleases muscle creatinine). who develop renal failure.	action) E LEVELS : hore than creatinine) (e.g. obstructive uropa uses out of extracellular fluid). nt in blood). one) due to tubular secretion of urea. NE: eatine to creatinine). crease in creatinine with certain methodologic	cosis, Cushings syndrome, high protein diet, athy). ogies,resulting in normal ratio when dehydration
]]][]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]	Ch	Ghopra	

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







		Chopra y & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	BALAMIN: SERUM	VITAMI VITAMIN B12/C 148 ^L		190.0 - 890.0
	BALAMIN: SERUM NESCENT MICROPARTICLE IMMUN	VITAMIN B12/C 148 ^L	OBALAMIN	190.0 - 890.0
by CMIA (CHEMILUMII INTERPRETATION:- INCREA	NESCENT MICROPARTICLE IMMUN	VITAMIN B12/C 148 ^L	OBALAMIN	
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar	NESCENT MICROPARTICLE IMMUN SED VITAMIN B12 min C	VITAMIN B12/C 148 ^L IOASSAY)	DBALAMIN pg/mL DECREASED VITAMIN	NB12
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Estro	NESCENT MICROPARTICLE IMMUN SED VITAMIN B12 min C ogen	VITAMIN B12/C 148 ^L IOASSAY) 1.Pregnancy 2.DRUGS:Aspi	DBALAMIN pg/mL DECREASED VITAMIN	NB12
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitar	NESCENT MICROPARTICLE IMMUN SED VITAMIN B12 min C ogen nin A	VITAMIN B12/C 148 ^L IOASSAY) 1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges	DBALAMIN pg/mL DECREASED VITAMIN rin, Anti-convulsants tion	NB12
by CMIA (CHEMILUMII <u>NTERPRETATION:-</u> INCREA 1.Ingestion of Vitar 2.Ingestion of Estro	NESCENT MICROPARTICLE IMMUN SED VITAMIN B12 min C ogen nin A njury	VITAMIN B12/C 148 ^L IOASSAY) 1.Pregnancy 2.DRUGS:Aspi	DBALAMIN pg/mL DECREASED VITAMIN rin, Anti-convulsants tion ve Harmones	NB12
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Vitar 3.Ingestion of Vitar 4.Hepatocellular ir 5.Myeloproliferatio 6.Uremia 1.Vitamin B12 (coba	NESCENT MICROPARTICLE IMMUN SED VITAMIN B12 min C ogen nin A njury	VITAMIN B12/C 148 ^L IOASSAY) 1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges 4. Contracepti 5.Haemodialy 6. Multiple Mi opoiesis and normal neuro	DBALAMIN pg/mL DECREASED VITAMIN rin, Anti-convulsants tion ve Harmones sis veloma onal function.	NB12

*** End Of Report ***





considered, even if serum vitamin B12 concentrations are normal.

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