



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultar	obiology)	M	m Chopra D (Pathology) nt Pathologist	
NAME	: Mr. AJIT BHALLA				
AGE/ GENDER	: 62 YRS/MALE		PATIENT ID	: 1683529)
COLLECTED BY	:		REG. NO./LAB NO.	:012411	270008
REFERRED BY	:		REGISTRATION DATE	:27/Nov/	/2024 09:20 AM
BARCODE NO.	:01521510		COLLECTION DATE	:27/Nov/	/2024 09:24AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 27/Nov/	/2024 09:48AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB/	ALA CANTI			
Test Name		Value	Unit	1	Biological Reference interval
		HAEM	ATOLOGY		
	СОМР	LETE BL	OOD COUNT (CBC)		
RED BLOOD CELLS	(RBCS) COUNT AND INDICES		, ,		
HAEMOGLOBIN (HE	3)	12.8	gm/dL		12.0 - 17.0
RED BLOOD CELL (I	RBC) COUNT	4.89	Million	s/cmm	3.50 - 5.00
PACKED CELL VOLU		40.5	%		40.0 - 54.0
MEAN CORPUSCULA		82.9	fL		80.0 - 100.0
MEAN CORPUSCULA	AR HAEMOGLOBIN (MCH) JTOMATED HEMATOLOGY ANALYZER	26.3 ^L	pg		27.0 - 34.0
	AR HEMOGLOBIN CONC. (MCHC) JTOMATED HEMATOLOGY ANALYZER	31.7 ^L	g/dL		32.0 - 36.0
	JTION WIDTH (RDW-CV) JTOMATED HEMATOLOGY ANALYZER	16	%		11.00 - 16.00
	JTION WIDTH (RDW-SD) JTOMATED HEMATOLOGY ANALYZER	49.4	fL		35.0 - 56.0
MENTZERS INDEX		16.95	RATIO		BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING IND by CALCULATED	EX	27.25	RATIO		BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CEL	LS (WBCS)				
TOTAL LEUCOCYTE by FLOW CYTOMETRY	COUNT (TLC) by sf cube & microscopy	8980	/cmm		4000 - 11000
by AUTOMATED 6 PAR	LOOD CELLS (nRBCS) t hematology analyzer	NIL			0.00 - 20.00
	LOOD CELLS (nRBCS) % JTOMATED HEMATOLOGY ANALYZER	NIL	%		< 10 %



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





EXCELLENCE IN HEALTHCARE & DIAGNOSTICS

MD (Pathology & Microbiology) Chairman & Consultant Pathologist MD (Pathology) **CEO & Consultant Pathologist** NAME : Mr. AJIT BHALLA **PATIENT ID** AGE/ GENDER : 62 YRS/MALE :1683529 **COLLECTED BY** REG. NO./LAB NO. :012411270008 : **REFERRED BY REGISTRATION DATE** : 27/Nov/2024 09:20 AM : **BARCODE NO.** :01521510 **COLLECTION DATE** : 27/Nov/2024 09:24AM **CLIENT CODE.** : KOS DIAGNOSTIC LAB **REPORTING DATE** : 27/Nov/2024 09:48AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval DIFFERENTIAL LEUCOCYTE COUNT (DLC)** NEUTDODUUS 00 ~ FO 70

Dr. Vinay Chopra

69	%	50 - 70
23	%	20 - 40
2	%	1 - 6
6	%	2 - 12
0	%	0 - 1
6196	/cmm	2000 - 7500
2065	/cmm	800 - 4900
180	/cmm	40 - 440
539	/cmm	80 - 880
0	/cmm	0 - 110
90	/cmm	0.0 - 999.0
MARKERS.		
395000	/cmm	150000 - 450000
0.36 ^H		0.10 - 0.36
9	fL	6.50 - 12.0
81000	/cmm	30000 - 90000
20.6	%	11.0 - 45.0
16	%	15.0 - 17.0
	23 2 6 0 6196 2065 180 539 0 90 MARKERS. 395000 0.36 H 9 81000 20.6	23 % 2 % 6 % 6 % 0 % 6196 /cmm 2065 /cmm 180 /cmm 539 /cmm 0 /cmm 90 /cmm 90 /cmm 90 /cmm 91 /cmm 92 fL 81000 /cmm 20.6 %



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









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NAME	: Mr. АЛТ BHALLA			
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			/	
Test Name	Value	Unit	Biological Reference interval	

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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Test Name		Value	Unit	Biological Reference interva
			TRY/BIOCHEMIST N TEST (COMPLETE)	RY
BILIRUBIN TOTAL: SERUM by DIAZOTIZATION, SPECTROPHOTOMETRY		0.37	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (CONJUGATED): SERUM	0.1	mg/dL	0.00 - 0.40
BILIRUBIN INDIREC	T (UNCONJUGATED): SERUM TROPHOTOMETRY	0.27	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRI	DOXAL PHOSPHATE	16.4	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRI	DOXAL PHOSPHATE	17.9	U/L	0.00 - 49.00
AST/ALT RATIO: SEI by CALCULATED, SPEC	TROPHOTOMETRY	0.92	RATIO	0.00 - 46.00
ALKALINE PHOSPHA by PARA NITROPHENYL PROPANOL	ATASE: SERUM . PHOSPHATASE BY AMINO METHYL	120.82	U/L	40.0 - 130.0
GAMMA GLUTAMYL by SZASZ, SPECTROPH	TRANSFERASE (GGT): SERUM	16.33	U/L	0.00 - 55.0
TOTAL PROTEINS: S by BIURET, SPECTROPH		7.18	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GRI	EEN	4.38	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED, SPEC	TROPHOTOMETRY	2.8	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by CALCULATED, SPEC	TROPHOTOMETRY	1.56	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





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NAME	: Mr. АЛТ BHALLA			
AGE/ GENDER	: 62 YRS/MALE	PATIENT ID	: 16835	529
COLLECTED BY	:	REG. NO./LAB N	0. : 0124	11270008
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Test Name		Value U	Init	Biological Reference interval
HEPATOCELLULAR C	ARCINOMA & CHRONIC HEPATITIS	> 1.3 (Sli	ghtly 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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Test Name	Value	Unit	Biological Reference interval

KID	NEY FUNCTIO	N TEST (BASIC)	
UREA: SERUM by UREASE - GLUTAMATE DEHYDROGENASE (GLDH)	26.33	mg/dL	10.00 - 50.00
CREATININE: SERUM by enzymatic, spectrophotometery	1.08	mg/dL	0.40 - 1.40
BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETERY	12.3	mg/dL	7.0 - 25.0
BLOOD UREA NITROGEN (BUN)/CREATININE RATIO: SERUM by Calculated, spectrophotometery	11.39	RATIO	10.0 - 20.0
UREA/CREATININE RATIO: SERUM by Calculated, spectrophotometery	24.38	RATIO	
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE	2.84 ^L	mg/dL	3.60 - 7.70





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Page 6 of 9





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NAME	: Mr. АЛТ BHALLA				
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Test Name		Value	Unit	Biological Reference interval	
MTERPRETATION: Normal range for a healthy person on normal diet: 12 - 20 To Differentiate between pre- and postrenal azotemia: NORCASED RATIO (2017) WITH NORMAL CREATINNE: 1. Prerenal acotemia (BUN trises 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. 3.3 G hemorrhage. 4. High protein intake. 5. Expanded renal intake or production or tissue breakdown (e.g. infection, Gl bleeding, thyrotoxicosis, Cushings syndrome, high protein diet, burns, segrey, cachevak, high forevi). 7. Urine realisorption (e.g. ureterocolostomy) 8. Reduced muscle mass (subtommal creatinne production) 9. Octatin drugs (e.g. tetracycline, glucocorticoles) 10. Nortenal azotemia (BUN rises disproportionately more than creatinine) (e.g. obstructive uropathy). 2. Prorenal azotemia supermosed on renal disease. 1. Acute tubuar necrosis. 2. Now protein diet and starvation. 3. Severe liver disease 4. Other causes of decreased urea synthesis. 5. Repeated follysis (ure a tarber than creatinine diffuses out of extracellular fluid). 6. Inherited hyperamonemias (urea is virtually absent in blood). 7. SIADH (eyndrome of inappropiate antidine diffuses out of extracellular fluid). 8. Pr					

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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	PROSTAT		R MARKER ANTIGEN (PSA) - TO	ΟΤΑΙ
SERUM by CLIA (CHEMILUMIN INTERPRETATION: NOTE: 1. This is a recommer 2. False negative / pc 3. PSA levels may app 4. Immediate PSA tes needle biopsy of pros 5. PSA values regardl correlated with clinic 6. Sites of Non-prost 7. Physiological decre sexual activity 8. The concentration	partive results are observed in pati- bear consistently elevated / depres- sting following digital rectal exami- state is not recommended as they be ess of levels should not be interpre- cal findings and results of other in atic PSA production are breast epi- ease in PSA level by 18% has been of PSA in a given specimen, detern libration, and reagent specificity. ING INTERVALS seline) ratively	ents receiving m ssed due to the ir nation, ejaculati falsely elevate le eted as absolute ivestigations thelium, salivary observed in hosp	ouse monoclonal antiboc nterference by heterophil on, prostatic massage, in vels evidence of the presence glands, peri-urethral & a pitalized / sedentary patie	0.0 - 4.0 tion (DRE) in males above 50 years of age. dies for diagnosis or therapy lic antibodies & nonspecific protein binding ndwelling catheterization, ultrasonography and e or absence of disease. All values should be anal glands, cells of male urethra & breast milk ents either due to supine position or suspended turers, may not be comparable due to differences
4. Monthly Follow Up	o if levels are high and showing a r POST SURGERY	ising trend	FREQUENCY OF TESTIN	16
	1st Year		Every 3 Months	
	2 nd Year		Every 4 Months	
3	rd Year Onwards		Every 6 Months	
CLINICAL USE: 1. An aid in the early and in those with two			ction with Digital rectal e	xamination in males more than 50 years of age

2. Followup and management of Prostate cancer patients.

3. Detect metastatic or persistent disease in patients following surgical or medical treatment of Prostate cancer

INCREASED LEVEL:

1. Prostate cancer

2. Benign Prostatic Hyperplasia

3. Prostatitis

4. Genitourinary infections

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Test Name	Value	Unit	Biological Reference interval

*** End Of Report ***



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