



		hopra & Microbiology) nsultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)	
NAME	: Mr. SHAM LAL CHOPRA				
AGE/ GENDER	: 87 YRS/MALE	PATIENT ID		: 1636451	
COLLECTED BY	:	R	EG. NO./LAB NO.	: 012410070013	
REFERRED BY	:	R	REGISTRATION DATE	: 07/Oct/2024 09:02 AM	
BARCODE NO.	:01518449	COLLECTION DATE		: 07/Oct/2024 09:03AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	R	REPORTING DATE	: 07/Oct/2024 10:21AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	: 6349/1, NICHOLSON ROAD, AMBALA CANTT			
				/	
Test Name		Value	Unit	Biological Reference interval	
	CLIP		RY/BIOCHEMISTR ON TEST (BASIC)	Y	
UREA: SERUM		34.63	mg/dL	10.00 - 50.00	
	IATE DEHYDROGENASE (GLDH)	01.00	ing, de		
CREATININE: SERUN		1.41 ^H	mg/dL	0.40 - 1.40	
by ENZYMATIC, SPECTROPHOTOMETERY BLOOD UREA NITROGEN (BUN): SERUM by CALCULATED, SPECTROPHOTOMETERY		16.18	mg/dL	7.0 - 25.0	
	GEN (BUN)/CREATININE	11.48	RATIO	10.0 - 20.0	
RATIO: SERUM					
by CALCULATED, SPECTROPHOTOMETERY UREA/CREATININE RATIO: SERUM by CALCULATED, SPECTROPHOTOMETERY		24.56	RATIO		
URIC ACID: SERUM by URICASE - OXIDASE PEROXIDASE		8.16 ^H	mg/dL	3.60 - 7.70	





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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.





	Dr. Vinay Chopra		n Chopra
	MD (Pathology & Microbiolog Chairman & Consultant Patho) (Pathology) ht Pathologist
NAME	: Mr. SHAM LAL CHOPRA		
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CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 07/0ct/2024 09:05AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA		. 01/ OCI/ 2024 10.21AW
Test Name	Value	e Unit	Biological Reference interval
3.GI hemorrhage. 4.High protein intake. 5.Impaired renal func 6.Excess protein intake. 5.Impaired renal func 6.Excess protein intake. burns, surgery, caches 7.Urine reabsorption 8.Reduced muscle ma 9.Certain drugs (e.g. t INCREASED RATIO (>2 1.Postrenal azotemia s DECREASED RATIO (<1 1.Acute tubular necrc 2.Low protein diet an 3.Severe liver disease 4.Other causes of dec 5.Repeated dialysis (i 6.Inherited hyperami 7.SIADH (syndrome o 8.Pregnancy. DECREASED RATIO (<1 1.Phenacimide therap 2.Rhabdomyolysis (re 3.Muscular patients v INAPPROPIATE RATIO 1.Diabetic ketoacidos should produce an in	ction plus . ke or production or tissue breakdown (e.g. in kia, high fever). (e.g. ureterocolostomy) ass (subnormal creatinine production) etracycline, glucocorticoids) 10:1) WITH ELEVATED CREATININE LEVELS : (BUN rises disproportionately more than cre- uperimposed on renal disease. 10:1) WITH DECREASED BUN : Dist. d starvation. e. creased urea synthesis. urea rather than creatinine diffuses out of e. monemias (urea is virtually absent in blood). f inappropiate antidiuretic harmone) due to 10:1) WITH INCREASED CREATININE: by (accelerates conversion of creatine to create eleases muscle creatinine). who develop renal failure. :	eatinine) (e.g. obstructive uropa xtracellular fluid). tubular secretion of urea. atinine).	
	CONSULTANT PATHOLOGIST C	DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)	

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	MD (Pathology	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		n Chopra (Pathology) Pathologist	
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BARCODE NO.	:01518449	COI	LECTION DATE	: 07/Oct/2024 09:03AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REI	ORTING DATE	: 07/Oct/2024 11:04AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI), AMBALA CANTT			
Test Name		Value	Unit	Biological Reference interval	
		TUMOUR N	ARKER		
	DDO	STATE SPECIFIC AN		ΔΙ	
	NTIGEN (PSA) - TOTAL:	1.05	ng/mL	0.0 - 4.0	
SERUM by CLIA (CHEMILUMINESCENCE IMMUNOASSAY) INTERPRETATION: NOTE: 1. This is a recommended test for detection of prostate cancer along with Digital Rectal Examination (DRE) in males above 50 years of age. 2. False negative / positive results are observed in patients receiving mouse monoclonal antibodies for diagnosis or therapy 3. PSA levels may appear consistently elevated / depressed due to the interference by heterophilic antibodies & nonspecific protein binding 4. Immediate PSA testing following digital rectal examination, ejaculation, prostatic massage, indwelling catheterization, ultrasonography a needle biopsy of prostate is not recommended as they falsely elevate levels 5. PSA values regardless of levels should not be interpreted as absolute evidence of the presence or absence of disease. All values should be correlated with clinical findings and results of other investigations 6. Sites of Non-prostatic PSA production are breast epithelium, salivary glands, peri-urethral & anal glands, cells of male urethra & breast m 7. Physiological decrease in PSA level by 18% has been observed in hospitalized / sedentary patients either due to supine position or suspen sexual activity 8. The concentration of PSA in a given specimen, determined with assays from different manufacturers, may not be comparable due to different in assay methods, calibration, and reagent specificity. RECOMMENDED TESTING INTERVALS 1. Preoperatively (Baseline) 2. 2-4 Days Post operatively 3. Pric to discharg					
3. Prior to discharge fr 4. Monthly Follow Up	f levels are high and showing OST SURGERY			G	

and in those with two or more affected first degree relatives.

2. Followup and management of Prostate cancer patients.

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

KOS Diagnostic Lab (A Unit of KOS Healthcare)

INCREASED LEVEL:

1. Prostate cancer

2. Benign Prostatic Hyperplasia

3. Prostatitis



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Test Name	Value	Unit	Biological Reference interval

4. Genitourinary infections



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NAME	: Mr. SHAM LAL CHOPRA			
AGE/ GENDER	: 87 YRS/MALE	PATIENT	ID	: 1636451
COLLECTED BY	:	REG. NO./	LAB NO.	:012410070013
REFERRED BY	:	REGISTR	ATION DATE	: 07/Oct/2024 09:02 AM
BARCODE NO.	:01518449	COLLECT	ION DATE	: 07/Oct/2024 09:03AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTI	NG DATE	:07/Oct/2024 10:32AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
		CLINICAL PATHO	OGY	
	URINE RO	DUTINE & MICROSCOP		ΓΙΟΝ
PHYSICAL EXAMINA				
QUANTITY RECIEVE		10	ml	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY COLOUR by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY				
		AMBER YELLOW		PALE YELLOW
		CLEAR		CLEAR
SPECIFIC GRAVITY	TANCE SPECTROPHOTOMETRY	1.01		1.002 - 1.030
CHEMICAL EXAMIN				
REACTION		ACIDIC		
	TANCE SPECTROPHOTOMETRY			
PROTEIN	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
SUGAR		Negative		NEGATIVE (-ve)
-	TANCE SPECTROPHOTOMETRY			50.75
pH by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	<=5.0		5.0 - 7.5
BILIRUBIN		Negative		NEGATIVE (-ve)
<i>by DIP STICK/REFLEC</i> NITRITE	TANCE SPECTROPHOTOMETRY	Nogativo		
	TANCE SPECTROPHOTOMETRY.	Negative		NEGATIVE (-ve)
UROBILINOGEN		Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLEC KETONE BODIES	TANCE SPECTROPHOTOMETRY	Negative		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY	Negative		
BLOOD		Negative		NEGATIVE (-ve)
by DIP STICK/REFLEC ASCORBIC ACID	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
	TANCE SPECTROPHOTOMETRY			

MICROSCOPIC EXAMINATION



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



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

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Test Name		Value	Unit	Biological Reference interval
		value	Unit	biological Reference interval
RED BLOOD CELLS (F	RBCs) Centrifuged urinary sediment	NEGATIVE (-ve)	/HPF	0 - 3

KED BLOOD GELLS (RBGS) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)	/HPF	0 - 3	
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	2-4	/HPF	0 - 5	
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	1-3	/HPF	ABSENT	
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
CASTS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
BACTERIA by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
OTHERS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT	NEGATIVE (-ve)		NEGATIVE (-ve)	
TRICHOMONAS VAGINALIS (PROTOZOA)	ABSENT		ABSENT	

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT



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CLIENT CODE.	: KOS DIAGNOSTIC LAB	J	REPORTING DATE	: 09/Oct/2024 10:15AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT		
Test Name		Value	Unit	Biological Reference interval
			BIOLOGY ID ANTIBIOTIC SENSIT	TIVITY: URINE
CULTURE AND SUSC	EPTIBILITY: ORINE	07 10 000		
DATE OF SAMPLE SPECIMEN SOURCE		07-10-2024 URINE	ł	
INCUBATION PERIO		48 HOURS		
by AUTOMATED BROT		4011001(3		
CULTURE		STERILE		
by AUTOMATED BROT ORGANISM by AUTOMATED BROT		NO AEROB 37*C	IC PYOGENIC ORGANISM	GROWN AFTER 48 HOURS OF INCUBATION AT
AEROBIC SUSCEPTIE	BILITY: URINE			
significant. However	d sensitivity, presence of more than in symptomatic patients , a smaller 00 to 10000/ mL indicate infection, if	number of bact	teria (100 to 10000/mL) m	sample of urine is considered clinically hay signify infection. rapubic aspiration or "in-and-out"

catheterization or from patients with indwelling catheters.

SUSCEPTIBILITY:

1. A test interpreted as SENSTITIVE implies that infection due to isolate may be appropriately treated with the dosage of an antimicrobial agent

recommended for that type of infection and infecting species, unless otherwise indicated.. 2. A test interpreted as **INTERMEDIATE** implies that the Infection due to the isolate may be appropriately treated in body sites where the drugs are physiologically concentrated or when a high dosage of drug can be used". 3.A test interpreted as **RESISTANT** implies that the "isolates are not inhibited by the usually achievable concentration of the agents with normal

dosage, schedule and/or fall in the range where specific microbial resistance mechanism are likely (e.g. beta-lactamases), and clinical efficacy has not been reliable in treatment studies.

CAUTION:

Conditions which can cause a false Negative culture: 1. Patient is on antibiotics. Please repeat culture post therapy.

2. Anaerobic bacterial infection.

- 3. Fastidious aerobic bacteria which are not able to grow on routine culture media.
- 4. Besides all these factors, at least in 25-40 % of cases there is no direct correlation between in vivo clinical picture.

5. Renal tuberculosis to be confirmed by AFB studies.

*** End Of Report *



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