

A PIONEER DIAGNOSTIC CENTRE

【 0171-2532620, 8222896961 🛛 🖾 pkrjainhealthcare@gmail.com

NAME	: Mr. SURESH KUMAR				
AGE/ GENDER : 61 YRS/MALE		PATIENT ID		: 1817684	
COLLECTED BY	:	REG. 1	NO./LAB NO.	: 122504040013	
REFERRED BY	:	REGIS	STRATION DATE	: 04/Apr/2025 12:26 PM	
BARCODE NO.	: 12507899	COLL	ECTION DATE	:04/Apr/2025 12:33PM	
CLIENT CODE. : P.K.R JAIN HEALTHCARE INSTI		TUTE REPORTING DATE		: 04/Apr/2025 05:22PM	
CLIENT ADDRESS : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA					
Test Name		Value	Unit	Biological Reference interval	
	CLINICA	L CHEMISTRY	//BIOCHEMIS	TRY	
	KID	NEY FUNCTION	TEST (BASIC)		
UREA: SERUM by UREASE - GLUTAN	IATE DEHYDROGENASE (GLDH)	103.79 ^H	mg/dL	10.00 - 50.00	
by UREASE - GLUTAN	UM	103.79 ^H 5.61 ^H	mg/dL mg/dL	10.00 - 50.00 0.40 - 1.40	
by UREASE - GLUTAN CREATININE: SER by ENZYMATIC, SPEC BLOOD UREA NIT	UM		C C		
by UREASE - GLUTAM CREATININE: SER by ENZYMATIC, SPEC BLOOD UREA NIT by CALCULATED, SPE BLOOD UREA NIT	UM STROPHOTOMETERY ROGEN (BUN): SERUM	5.61 ^H	mg/dL	0.40 - 1.40	
by UREASE - GLUTAM CREATININE: SER by ENZYMATIC, SPEC BLOOD UREA NIT by CALCULATED, SPE BLOOD UREA NIT RATIO: SERUM	UM ETROPHOTOMETERY ROGEN (BUN): SERUM ECTROPHOTOMETERY ROGEN (BUN)/CREATININE	5.61 ^H 48.5 ^H	mg/dL mg/dL	0.40 - 1.40 7.0 - 25.0	
by UREASE - GLUTAM CREATININE: SER by ENZYMATIC, SPEC BLOOD UREA NIT by CALCULATED, SPE BLOOD UREA NIT RATIO: SERUM by CALCULATED, SPE UREA/CREATININ	UM DTROPHOTOMETERY ROGEN (BUN): SERUM ECTROPHOTOMETERY ROGEN (BUN)/CREATININE ECTROPHOTOMETERY	5.61 ^H 48.5 ^H	mg/dL mg/dL	0.40 - 1.40 7.0 - 25.0	



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT



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

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

NOT VALID FOR MEDICO LEGAL PURPOSE



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Test Name	v	alue	Unit	Biological Reference interval
To Differentiate betw INCREASED RATIO (>2 1.Prerenal azotemia (glomerular filtration 2.Catabolic states with 3.Gl hemorrhage. 4.High protein intake. 5.Impaired renal fund 6.Excess protein intake. 5.Impaired renal fund 6.Excess protein intake. 7.Urine reabsorption 8.Reduced muscle ma 9.Certain drugs (e.g. t INCREASED RATIO (>2 1.Postrenal azotemia 2.Prerenal azotemia 2.Prerenal azotemia 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 INAPPROPIATE RATIO 1.Diabetic ketoacidos should produce an in	th increased tissue breakdown. tion plus . ke or production or tissue breakdown (e. kia, high fever). (e.g. ureterocolostomy) ass (subnormal creatinine production) etracycline, glucocorticoids) 0:1) WITH ELEVATED CREATININE LEVELS (BUN rises disproportionately more thar uperimposed on renal disease. 10:1) WITH DECREASED BUN : biss. d starvation. treased urea synthesis. urea rather than creatinine diffuses out monemias (urea is virtually absent in blo f inappropiate antidiuretic harmone) due 10:1) WITH INCREASED CREATININE: by (accelerates conversion of creatine to eleases muscle creatinine). who develop renal failure. :	.g. infection, GI bleedin c. n creatinine) (e.g. obstr ood). e to tubular secretion o o creatinine).	g, thyrotoxicos uctive uropath f urea.	sis, Cushings syndrome, high protein diet,





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Test Name		Value	Unit	Biological Reference interva		
	EL	ECTROLYTES CO	OMPLETE PROFILI	E		
SODIUM: SERUM		142.8	mmol/L	135.0 - 150.0		
by ISE (ION SELECTIN	(E ELECTRODE)					
POTASSIUM: SER		4.16	mmol/L	3.50 - 5.00		
by ISE (ION SELECTIN CHLORIDE: SERUI		107.1	mmol/L	00.0 110.0		
by ISE (ION SELECTIN		107.1	mmoi/L	90.0 - 110.0		
INTERPRETATION:-	, <u> </u>					
	W SODIUM LEVEL) CAUSES:-					
 Low sodium intake Sodium loss due to Diuretics abuses. Salt loosing nephi Metabolic acidosi Adrenocortical iss Hepatic failure. 	e. o diarrhea & vomiting with ad ropathy. S. uficiency . CREASED SODIUM LEVEL) CAU nged)		juate salt replacement.			

- 3. Respiratory acidosis



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Value Unit Test Name **Biological Reference interval**

4. Hemolysis of blood

End Of Report



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