

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

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

<b>NAME</b>	: Mr. HARISH KUMAR	<b>PATIENT ID</b>	: 1779382
<b>AGE/ GENDER</b>	: 50 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012503050033
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 05/Mar/2025 12:42 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 05/Mar/2025 12:43PM
<b>BARCODE NO.</b>	: 01526507	<b>REPORTING DATE</b>	: 05/Mar/2025 05:35PM
<b>CLIENT CODE.</b>	: KOS DIAGNOSTIC LAB		
<b>CLIENT ADDRESS</b>	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
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## CLINICAL PATHOLOGY

### URINE ROUTINE & MICROSCOPIC EXAMINATION

#### PHYSICAL EXAMINATION

QUANTITY RECEIVED	10	ml	
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
COLOUR	AMBER YELLOW		PALE YELLOW
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
TRANSPARANCY	HAZY		CLEAR
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
SPECIFIC GRAVITY	<=1.005		1.002 - 1.030
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

#### CHEMICAL EXAMINATION

REACTION	ACIDIC		
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
PROTEIN	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
SUGAR	2+		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
pH	6.5		5.0 - 7.5
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
BILIRUBIN	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
NITRITE	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
UROBILINOGEN	Normal	EU/dL	0.2 - 1.0
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
KETONE BODIES	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
BLOOD	Negative		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			
ASCORBIC ACID	NEGATIVE (-ve)		NEGATIVE (-ve)
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY			

#### MICROSCOPIC EXAMINATION

RED BLOOD CELLS (RBCs)	NEGATIVE (-ve)	/HPF	0 - 3
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			



  
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PUS CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	2-3	/HPF	0 - 5
EPITHELIAL CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	1-2	/HPF	ABSENT
CRYSTALS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
CASTS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
BACTERIA <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
OTHERS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
TRICHOMONAS VAGINALIS (PROTOZOA) <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i>	ABSENT		ABSENT
RECHECKED MANUALLY. Correlate clinically			



  
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## SPECIAL INVESTIGATIONS

### STONE ANALYSIS

#### PHYSICAL EXAMINATION

AGGREGATE WEIGHT	0.55 grams
COLOUR	White
SURFACE	Rough
TEXTURE	Crystalline

#### CHEMICAL ANALYSIS

CALCIUM OXALATE STONES	NIL
CALCIUM PHOSPHATE STONES	+++
CALCIUM CARBONATE STONES	NIL
URIC ACID STONES	NIL
MAGNESIUM AMMONIUM PHOSPHATE STONES (STRUVITE)	++
BLOOD PIGMENTED STONES	NIL

#### INTERPRETATION:

STONE TYPE	PERCENTAGE OF ALL STONES
<b>CALCIUM OXALATE &amp; PHOSPHATE STONES:</b>	70
1. Idiopathic Hypercalciuria	50
2. Hyperuricosuria	20
3. No known metabolic abnormality	15 - 20
4. Hypercalciuria and hypercalcemia	10
5. Hyperoxalluria	5
6. Enteric	4.5
7. Primary	0.5
<b>MAGNESIUM AMMONIUM PHOSPHATE (STRUVITE) STONES</b>	15 - 20
<b>URIC ACID STONES:</b>	5 - 10
1. 1.Associated with hyperuricemia	
2. 2.Associated with Hyperuricouria	
3. 3.Unknown	



  
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CYSTINE STONES	1		
OTHERS / UNKNOWN	5		

#### DIETARY RECOMMENDATION FOR PREVENTION OF RECURRENCE

STONE TYPE	ITEMS TO BE AVOIDED	SUGGESTED ITEMS FOR PREVENTION
OXALTE	Tea, Coffee, Colas, Cocoa, Spinach, Beans, Chaulai, Cucumber, Onions, Amla, Chikoo, Black grapes, Citrus fruits, Nuts & Berries	Coconut water, Barley, Pineapple juice & Bananas
URIC ACID	Cauliflower, Pumpkin, Mushrooms, Brinjal, Red meat & Red wine	Lemon peel, Carrots, Horse gram (Kultha dal) & Bitter gourd (Karela)
CYSTINE	High protein diet	

\*\*\* End Of Report \*\*\*



  
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