

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

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

<b>NAME</b>	: Mr. VISHAVNATH	<b>PATIENT ID</b>	: 1813988
<b>AGE/ GENDER</b>	: 70 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012504010062
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 01/Apr/2025 02:18 PM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 01/Apr/2025 02:19PM
<b>BARCODE NO.</b>	: 01528176	<b>REPORTING DATE</b>	: 01/Apr/2025 05:01PM
<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

### SEMEN ANALYSIS/SEMINOGRAM

#### PHYSICAL EXAMINATION

TIME OF SPECIMEN COLLECTION	01-04-2025	AM/PM	
DURATION OF ABSTINENCE	3 DAYS	DAYS	2 - 7
TYPE OF SAMPLE	FRESH		
LIQUIFACTION TIME AT 37°C	< 30 MINS	MINS	30 - 60
VOLUME	1	ML	
COLOUR	WHITISH OPAQUE		WHITISH OPAQUE
VISCOSITY	VISCOUS		VISCOUS
pH	8 <sup>H</sup>		5.0 - 7.5

#### AUTOMMATED SEMEN ANALYSIS, GOLD STANDARD, WHO APPROVED (SQA GOLD)

TOTAL SPERM CONCENTRATION	72.1	Millions/mL	12 - 16
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL MOTILITY (GRADE A + GRABE B + GRADE C)	NIL	%	> = 42.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
RAPIDLY PROGRESSIVE MOTILITY (GRADE A)	NIL	%	> = 30.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
IMMOTILE	NIL	%	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
VELOCITY (AVERAGE PATH VELOCITY)	0	Mic/sec	> = 5
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			

#### TOTAL PER EJACULATION

TOTAL SPERM NUMBER	72.1	Millions/ejc.	> = 39.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL MOTILE SPERM	NIL	Millions/ejc.	> = 16.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			

#### MANUAL MICROSCOPY AND MORPHOLOGY

VITALITY	51	%	
by MICROSCOPY			
RED BLOOD CELLS (RBCs)	NOT DETECTED	/HPF	NOT DETECTED



  
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Test Name	Value	Unit	Biological Reference interval
by MICROSCOPY			
PUS CELLS	1-3	/HPF	0 - 5
by MICROSCOPY			
AGGLUTINATES	NOT DETECTED		NOT DETECTED
by MICROSCOPY			
AMORPHOUS DEPOSITS/ROUND CELLS/DEBRIS	NOT DETECTED		NOT DETECTED
by MICROSCOPY			
BACTERIA	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY			
HEAD DEFECTS	38	%	
by MICROSCOPY			
PIN HEADS	10	%	
by MICROSCOPY			
NECK AND MID-PIECE DEFECTS	29	%	
by MICROSCOPY			
TAIL DEFECTS	20	%	
by MICROSCOPY			
CYTOPLASMIC DROPLETS	2	%	
by MICROSCOPY			
ACROSOME/NUCLEUS DEFECTS	1	%	
by MICROSCOPY			
<b>CHEMICAL EXAMINATION</b>			
<b>SEMEN FRUCTOSE (QUALITATIVE)</b>	<b>POSITIVE (+ve)</b>		<b>POSITIVE (+ve)</b>
by QUALITATIVE METHOD USING RESORCINOL			

**INTERPRETATION:**

1. Fructose is the energy source for sperm motility. A positive fructose is considered normal.  
 2. Azoospermia and fructose negative results may indicate an absence of seminal vesicles / vas deferens in the area of seminal vesicles / obstruction of seminal vesicles.

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



  
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