

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

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

<b>NAME</b>	: Mr. BABBU	<b>PATIENT ID</b>	: 1591439
<b>AGE/ GENDER</b>	: 30 YRS/MALE	<b>REG. NO./LAB NO.</b>	: 012408260041
<b>COLLECTED BY</b>	:	<b>REGISTRATION DATE</b>	: 26/Aug/2024 11:44 AM
<b>REFERRED BY</b>	:	<b>COLLECTION DATE</b>	: 26/Aug/2024 11:55AM
<b>BARCODE NO.</b>	: 01515749	<b>REPORTING DATE</b>	: 26/Aug/2024 05:06PM
<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	26-08-2024	AM/PM	
DURATION OF ABSTINENCE	3 DAYS	DAYS	2 - 7
TYPE OF STONE	FRESH		
LIQUIFACTION TIME AT 37°C	< 30 MINS	MINS	30 - 60
VOLUME	1	ML	
COLOUR	WHITISH OPAQUE		WHITISH OPAQUE
VISCOSITY	MILDLY VISCOUS		VISCOUS
pH	gH		5.0 - 7.5

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

TOTAL SPERM CONCENTRATION	NIL	Millions/mL	12 - 16
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL MOTILITY (GRADE A + GRADE B + GRADE C)	0	%	> = 42.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
MORPHOLOGY NORMAL	N.A	%	> = 4.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
VELOCITY (AVERAGE PATH VELOCITY)	0	Mic/sec	> = 5
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
SPERM MOTILE INDEX (SMI)	N.A		> = 80
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			

#### TOTAL PER EJACULATION

TOTAL SPERM NUMBER	NIL	Millions/ejc.	> = 39.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL MOTILE SPERM	N.A	Millions/ejc.	> = 16.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL PROGRESSIVE MOTILE SPERM	N.A	Millions/ejc.	> = 12.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL FUNCTIONAL SPERM	N.A	Millions/ejc.	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			



  
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Test Name	Value	Unit	Biological Reference interval
TOTAL MORPHOLOGY NORMAL SPERM <i>by ELECTRO-OPTICS SIGNAL &amp; COMPUTER ALOGRITHM</i>	N.A	Millions/ejc.	> = 2.0
<b><u>MANUAL MICROSCOPY AND MORPHOLOGY</u></b>			
VITALITY <i>by MICROSCOPY</i>	N.A	%	
RED BLOOD CELLS (RBCs) <i>by MICROSCOPY</i>	NOT DETECTED	/HPF	NOT DETECTED
PUS CELLS <i>by MICROSCOPY</i>	3-6	/HPF	0 - 5
AGGLUTINATES <i>by MICROSCOPY</i>	NOT DETECTED		NOT DETECTED
AMORPHOUS DEPOSITS/ROUND CELLS/DEBRIS <i>by MICROSCOPY</i>	NOT DETECTED		NOT DETECTED
BACTERIA <i>by MICROSCOPY</i>	NEGATIVE (-ve)		NEGATIVE (-ve)
<b><u>CHEMICAL EXAMINATION</u></b>			
SEMEN FRUCTOSE (QUALITATIVE) <i>by QUALITATIVE METHOD USING RESORCINOL</i>	POSITIVE (+ve)		POSITIVE (+ve)
IMPRESSION	AZOOSPERMIA		
<b><u>INTERPRETATION:</u></b>			
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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