

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

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

NAME : Mr. JITENDER KUMAR  
AGE/ GENDER : 32 YRS/MALE  
COLLECTED BY :  
REFERRED BY :  
BARCODE NO. : 01516840  
CLIENT CODE. : KOS DIAGNOSTIC LAB  
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1610908  
REG. NO./LAB NO. : 012409120050  
REGISTRATION DATE : 12/Sep/2024 02:05 PM  
COLLECTION DATE : 12/Sep/2024 02:07PM  
REPORTING DATE : 12/Sep/2024 05:02PM

Test Name	Value	Unit	Biological Reference interval
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## CLINICAL PATHOLOGY

### SEMEN ANALYSIS/SEMINOGRAM

#### PHYSICAL EXAMINATION

TIME OF SPECIMEN COLLECTION	12-09-2024	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	VISCOUS		VISCOUS
pH	gH		5.0 - 7.5

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

TOTAL SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	<1.0	Millions/mL	12 - 16
TOTAL MOTILITY (GRADE A + GRADE B + GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	NIL	%	> = 42.0
IMMOTILE by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	NIL	%	
MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A.	Millions/mL	> = 6.0
SPERM MOTILE INDEX (SMI) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	0		> = 80

#### TOTAL PER EJACULATION

TOTAL SPERM NUMBER by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	<1.0	Millions/ejc.	> = 39.0
TOTAL MOTILE SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A.	Millions/ejc.	> = 16.0
TOTAL PROGRESSIVE MOTILE SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A.	Millions/ejc.	> = 12.0
TOTAL FUNCTIONAL SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A.	Millions/ejc.	



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TOTAL MORPHOLOGY NORMAL SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A.	Millions/ejc.	> = 2.0
<b>MANUAL MICROSCOPY AND MORPHOLOGY</b>			
PUS CELLS by MICROSCOPY	1-2	/HPF	0 - 5
EPITHELIAL CELLS by MICROSCOPY	0-1	/HPF	ABSENT
AGGLUTINATES by MICROSCOPY	NOT DETECTED		NOT DETECTED
AMORPHOUS DEPOSITS/ROUND CELLS/DEBRIS by MICROSCOPY	NOT DETECTED		NOT DETECTED
BACTERIA by MICROSCOPY	NEGATIVE (-ve)		NEGATIVE (-ve)
<b>CHEMICAL EXAMINATION</b>			
SEMEN FRUCTOSE (QUALITATIVE) by QUALITATIVE METHOD USING RESORCINOL	POSITIVE (+ve)		POSITIVE (+ve)

**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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