

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

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

NAME	: Mr. KULDEEP SINGH	PATIENT ID	: 1718898
AGE/ GENDER	: 26 YRS/MALE	REG. NO./LAB NO.	: 012501080021
COLLECTED BY	:	REGISTRATION DATE	: 08/Jan/2025 10:24 AM
REFERRED BY	:	COLLECTION DATE	: 08/Jan/2025 10:24AM
BARCODE NO.	: 01523606	REPORTING DATE	: 08/Jan/2025 11:46AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 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	08-01-2025	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	MILDLY VISCOUS		VISCOUS
pH	7.5		5.0 - 7.5

AUTOMMATED 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			
VELOCITY (AVERAGE PATH VELOCITY)	0	Mic/sec	> = 5
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
SPERM MOTILE INDEX (SMI)	NIL		> = 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			
TOTAL MORPHOLOGY NORMAL SPERM	N.A	Millions/ejc.	> = 2.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			

MANUAL MICROSCOPY AND MORPHOLOGY

VITALITY	N.A	%	
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Test Name	Value	Unit	Biological Reference interval
by MICROSCOPY			
RED BLOOD CELLS (RBCs)	NOT DETECTED	/HPF	NOT DETECTED
by MICROSCOPY			
PUS CELLS	0-2	/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			
CHEMICAL EXAMINATION			
SEMEN FRUCTOSE (QUALITATIVE)	POSITIVE (+ve)		POSITIVE (+ve)
by QUALITATIVE METHOD USING RESORCINOL			
IMPRESSION	AZOOSPERMIA		

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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