

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

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

NAME : Mr. RAM CHANDER
AGE/ GENDER : 20 YRS/MALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 01516696
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1608187
REG. NO./LAB NO. : 012409100037
REGISTRATION DATE : 10/Sep/2024 11:36 AM
COLLECTION DATE : 10/Sep/2024 11:37AM
REPORTING DATE : 10/Sep/2024 04:45PM

Test Name	Value	Unit	Biological Reference interval
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CLINICAL PATHOLOGY
SEMEN ANALYSIS/SEMINOGRAM

PHYSICAL EXAMINATION

TIME OF SPECIMEN COLLECTION	10-09-2024	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	100	%	
MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A.	Millions/mL	> = 6.0
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.	
TOTAL MORPHOLOGY NORMAL SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A.	Millions/ejc.	> = 2.0



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MANUAL MICROSCOPY AND MORPHOLOGY			
RED BLOOD CELLS (RBCs) <i>by MICROSCOPY</i>	NOT DETECTED	/HPF	NOT DETECTED
PUS CELLS <i>by MICROSCOPY</i>	1-3	/HPF	0 - 5
EPITHELIAL CELLS <i>by MICROSCOPY</i>	0-2	/HPF	ABSENT
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)

CHEMICAL EXAMINATION

SEMEN FRUCTOSE (QUALITATIVE) <i>by QUALITATIVE METHOD USING RESORCINOL</i>	POSITIVE (+ve)	POSITIVE (+ve)
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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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