

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

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

NAME : Mr. PRINCE
AGE/ GENDER : 33 YRS/MALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 01512904
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1545330
REG. NO./LAB NO. : 012407110008
REGISTRATION DATE : 11/Jul/2024 08:33 AM
COLLECTION DATE : 11/Jul/2024 08:34AM
REPORTING DATE : 11/Jul/2024 04:55PM

Test Name	Value	Unit	Biological Reference interval
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CLINICAL PATHOLOGY

SEMEN ANALYSIS/SEMINOGRAM

PHYSICAL EXAMINATION

TIME OF SPECIMEN COLLECTION	11-07-2024	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	7.5		5.0 - 7.5

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

TOTAL SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	NIL	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	NA	%	
VELOCITY (AVERAGE PATH VELOCITY) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	NA	Mic/sec	> = 5
SPERM MOTILE INDEX (SMI) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	N.A		> = 80

TOTAL PER EJACULATION

TOTAL SPERM NUMBER by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	NIL	Millions/ejc.	> = 39.0
TOTAL MOTILE SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	NIL	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	N.A	Millions/ejc.	> = 2.0



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by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM

MANUAL MICROSCOPY AND MORPHOLOGY

VITALITY by MICROSCOPY	N.A	%	
RED BLOOD CELLS (RBCs) by MICROSCOPY	NOT DETECTED	/HPF	NOT DETECTED
PUS CELLS by MICROSCOPY	0-2	/HPF	0 - 5
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)

CHEMICAL EXAMINATION

SEMEN FRUCTOSE (QUALITATIVE) by QUALITATIVE METHOD USING RESORCINOL	POSITIVE (+ve)	POSITIVE (+ve)
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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