

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

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

NAME : Mr. AMAN KUMAR
AGE/ GENDER : 35 YRS/MALE
COLLECTED BY :
REFERRED BY : LOOMBA HOSPITAL (AMBALA CANTT)
BARCODE NO. : 01522578
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1701276
REG. NO./LAB NO. : 012412170031
REGISTRATION DATE : 17/Dec/2024 11:42 AM
COLLECTION DATE : 17/Dec/2024 11:43AM
REPORTING DATE : 17/Dec/2024 12:58PM

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

PHYSICAL EXAMINATION

TIME OF SPECIMEN COLLECTION	17-12-2024	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	8 ^H		5.0 - 7.5

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

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

TOTAL PER EJACULATION

TOTAL SPERM NUMBER <small>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</small>	N.A	Millions/ejc.	> = 39.0
TOTAL MOTILE SPERM <small>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</small>	N.A	Millions/ejc.	> = 16.0
TOTAL PROGRESSIVE MOTILE SPERM <small>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</small>	N.A	Millions/ejc.	> = 12.0
TOTAL FUNCTIONAL SPERM <small>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</small>	N.A	Millions/ejc.	
TOTAL MORPHOLOGY NORMAL SPERM <small>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</small>	N.A	Millions/ejc.	> = 2.0

MANUAL MICROSCOPY AND MORPHOLOGY



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Test Name	Value	Unit	Biological Reference interval
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>	1-3	/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)
CHEMICAL EXAMINATION			
SEMEN FRUCTOSE (QUALITATIVE) <i>by QUALITATIVE METHOD USING RESORCINOL</i>	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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