

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

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

NAME	: Mr. AMARJEET SINGH	PATIENT ID	: 1575489
AGE/ GENDER	: 35 YRS/MALE	REG. NO./LAB NO.	: 042408090002
COLLECTED BY	:	REGISTRATION DATE	: 09/Aug/2024 11:52 AM
REFERRED BY	:	COLLECTION DATE	: 09/Aug/2024 03:38PM
BARCODE NO.	: A0465173	REPORTING DATE	: 09/Aug/2024 05:06PM
CLIENT CODE.	: KOS DIAGNOSTIC SHAHBAD		
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	09-08-2024	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	8 ^H		5.0 - 7.5


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


TOTAL SPERM CONCENTRATION	4.4	Millions/mL	12 - 16
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL MOTILITY (GRADE A + GRADE B + GRADE C)	6	%	> = 42.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
SLOWLY PROGRESSIVE MOTILITY (GRADE B)	4	%	>= 30
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
NON PROGRESSIVE MOTILITY (GRADE C)	2	%	<= 1
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
IMMOTILE	94	%	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
MOTILE SPERM CONCENTRATION	N.A	Millions/mL	> = 6.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
SPERM MOTILE INDEX (SMI)	N.A		> = 80
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			

TOTAL PER EJACULATION

TOTAL SPERM NUMBER	4.4	Millions/ejc.	> = 39.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			
TOTAL MOTILE SPERM	0.26	Millions/ejc.	> = 16.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			




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Test Name	Value	Unit	Biological Reference interval
TOTAL PROGRESSIVE MOTILE SPERM <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	N.A.	Millions/ejc.	> = 12.0
TOTAL FUNCTIONAL SPERM <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	N.A.	Millions/ejc.	
TOTAL MORPHOLOGY NORMAL SPERM <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	N.A.	Millions/ejc.	> = 2.0
<u>MANUAL MICROSCOPY AND MORPHOLOGY</u>			
VITALITY <i>by MICROSCOPY</i>	64	%	
RED BLOOD CELLS (RBCs) <i>by MICROSCOPY</i>	NOT DETECTED	/HPF	NOT DETECTED
PUS CELLS <i>by MICROSCOPY</i>	0-3	/HPF	0 - 5
EPITHELIAL CELLS <i>by MICROSCOPY</i>	1-3	/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)
<u>CHEMICAL EXAMINATION</u>			
SEMEN FRUCTOSE (QUALITATIVE) <i>by QUALITATIVE METHOD USING RESORCINOL</i>	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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