



	<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiolog Chairman & Consultant Patho	gy)	Yugam Chop MD (Patholo nsultant Patholo	ogy)
NAME	: Mr. SHUBHAM			
AGE/ GENDER	: 27 YRS/MALE	<b>PATIENT ID</b>	:144	3944
COLLECTED BY	:	<b>REG. NO./LAB NO</b>	). :012	2503110055
<b>REFERRED BY</b>		<b>REGISTRATION D</b>		Mar/2025 02:08 PM
BARCODE NO.	:01526951	COLLECTION DAT		Mar/2025 02:09PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DAT		Mar/2025 04:52PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CA			
Test Name	Value	e Ur	nit	Biological Reference interval
	CLINIC	CAL PATHOLOGY		
	SEMEN ANA	ALYSIS/SEMINOGR	RAM	
PHYSICAL EXAMI	NATION			
TIME OF SPECIME		11-03-2025	AM/PM	
DURATION OF ABS		3 DAYS	DAYS	2 - 7
TYPE OF SAMPLE		FRESH		
LIQUIFACTION TIN	ЛЕ АТ 37*C	< 30 MINS	MINS	30 - 60
VOLUME		1	ML	
COLOUR		WHITISH OPAQUE		WHITISH OPAQUE
VISCOSITY		VISCOUS		VISCOUS
рН		8 <sup>H</sup>		5.0 - 7.5
AUTOMMATED SE	EMEN ANALYSIS, GOLD STANDARD, WH	<u>IO APPROVED (SQA G</u>		
TOTAL SPERM CONCENTRATION by electro-optics signal & computer alogrithm		29.1	Millions/ml	L 12 - 16
TOTAL MOTILITY (GRADE A + GRABE B + GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		12	%	> = 42.0
RAPIDLY PROGRESSIVE MOTILITY (GRADE A) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		1	%	> = 30.0
SLOWLY PROGRES	y ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM OWLY PROGRESSIVE MOTILITY (GRADE B) y ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		%	>= 30
NON PROGRESSIVE MOTILITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		11	%	<= 1
IMMOTILE		88	%	
MORPHOLOGY NO		1	%	> = 4.0
MOTILE SPERM CO		3.4	Millions/ml	L >= 6.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		0.1	Millions/ml	L >= 5.0
SLOWLY PROGRES	SIVE MOTILE SPERM CONCENTRATION	0	Millions/ml	L
	SIGNAL & COMPUTER ALOGRITHM RM CONCENTRATION	0	Millions/ml	L



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



NAME

AGE/ GENDER

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**COLLECTION DATE** 

**REPORTING DATE** 

Dr. Vinay Chopra

: 6349/1, NICHOLSON ROAD, AMBALA CANTT

: Mr. SHUBHAM

: 27 YRS/MALE

:01526951

: KOS DIAGNOSTIC LAB

:

:

HEALTHCARE & Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist CEO & Consultant Pathologist **PATIENT ID** :1443944 :012503110055 REG. NO./LAB NO. **REGISTRATION DATE** 

:11/Mar/2025 02:08 PM :11/Mar/2025 02:09PM :11/Mar/2025 04:52PM

Test Name	Value	Unit	<b>Biological Reference interval</b>
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM SPERM MOTILE INDEX (SMI) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM <b>TOTAL PER EJACULATION</b>	2		> = 80
TOTAL SPERM NUMBER	29.1	Millions/ejc.	> = 39.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM TOTAL MOTILE SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	3.4	Millions/ejc.	> = 16.0
TOTAL PROGRESSIVE MOTILE SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	0.2	Millions/ejc.	> = 12.0
TOTAL FUNCTIONAL SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	0	Millions/ejc.	
TOTAL MORPHOLOGY NORMAL SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	0.3	Millions/ejc.	> = 2.0
MANUAL MICROSCOPY AND MORPHOLOGY VITALITY	68	%	
by MICROSCOPY	00	70	
RED BLOOD CELLS (RBCs) by MICROSCOPY	NOT DETEC	TED /HPF	NOT DETECTED
PUS CELLS by MICROSCOPY	1-3	/HPF	0 - 5
AGGLUTINATES by MICROSCOPY	NOT DETEC	TED	NOT DETECTED
AMORPHOUS DEPOSITS/ROUND CELLS/DEBRIS	NOT DETEC	TED	NOT DETECTED
BACTERIA by MICROSCOPY	NEGATIVE	(-ve)	NEGATIVE (-ve)
HEAD DEFECTS by MICROSCOPY	39	%	
PIN HEADS by MICROSCOPY	12	%	
NECK AND MID-PIECE DEFECTS by MICROSCOPY	25	%	
TAIL DEFECTS by MICROSCOPY	20	%	
CYTOPLASMIC DROPLETS by MICROSCOPY	1	%	

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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)









	MD (Patholog	Vinay ChopraDr. Yugam Chopra(Pathology & Microbiology)MD (Pathology)irman & Consultant PathologistCEO & Consultant Pathologist			
NAME	: Mr. SHUBHAM				
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Test Name		Value	Unit	<b>Biological Reference interval</b>	
ACROSOME/NUCLI by MICROSCOPY CHEMICAL EXAMI		2	%		
SEMEN FRUCTOSE (QUALITATIVE) by QUALITATIVE METHOD USING RESORCINOL <u>INTERPRETATION:</u> 1.Fructose is the energy source for sperm motility. A p		POSITIVE		POSITIVE (+ve)	

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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