

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

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

NAME	: Mr. GOPAL DUTT	PATIENT ID	: 1457795
AGE/ GENDER	: 33 YRS/MALE	REG. NO./LAB NO.	: 012501180020
COLLECTED BY	:	REGISTRATION DATE	: 18/Jan/2025 10:06 AM
REFERRED BY	:	COLLECTION DATE	: 18/Jan/2025 10:09AM
BARCODE NO.	: 01524035	REPORTING DATE	: 18/Jan/2025 05:19PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
-----------	-------	------	-------------------------------

CLINICAL PATHOLOGY

SEMEN ANALYSIS/SEMINOGRAM

PHYSICAL EXAMINATION

TIME OF SPECIMEN COLLECTION	18-01-2025	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	VISCOUS		VISCOUS
pH	8 ^H		5.0 - 7.5

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


TOTAL SPERM CONCENTRATION <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	<2.0	Millions/mL	12 - 16
TOTAL MOTILITY (GRADE A + GRADE B + GRADE C) <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	NIL	%	> = 42.0
MOTILE SPERM CONCENTRATION <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	N.A	Millions/mL	> = 6.0
SPERM MOTILE INDEX (SMI) <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	NIL		> = 80


TOTAL PER EJACULATION

TOTAL SPERM NUMBER <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	<2.0	Millions/ejc.	> = 39.0
TOTAL MOTILE SPERM <i>by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM</i>	NIL	Millions/ejc.	> = 16.0
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

MANUAL MICROSCOPY AND MORPHOLOGY




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


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



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

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

NAME	: Mr. GOPAL DUTT	PATIENT ID	: 1457795
AGE/ GENDER	: 33 YRS/MALE	REG. NO./LAB NO.	: 012501180020
COLLECTED BY	:	REGISTRATION DATE	: 18/Jan/2025 10:06 AM
REFERRED BY	:	COLLECTION DATE	: 18/Jan/2025 10:09AM
BARCODE NO.	: 01524035	REPORTING DATE	: 18/Jan/2025 05:19PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		

Test Name	Value	Unit	Biological Reference interval
VITALITY <i>by MICROSCOPY</i>	68	%	
RED BLOOD CELLS (RBCs) <i>by MICROSCOPY</i>	NOT DETECTED	/HPF	NOT DETECTED
PUS CELLS <i>by MICROSCOPY</i>	0-3	/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)
HEAD DEFECTS <i>by MICROSCOPY</i>	37	%	
PIN HEADS <i>by MICROSCOPY</i>	10	%	
NECK AND MID-PIECE DEFECTS <i>by MICROSCOPY</i>	27	%	
TAIL DEFECTS <i>by MICROSCOPY</i>	23	%	
CYTOPLASMIC DROPLETS <i>by MICROSCOPY</i>	2	%	
ACROSOME/NUCLEUS DEFECTS <i>by MICROSCOPY</i>	1	%	

CHEMICAL EXAMINATION

SEMEN FRUCTOSE (QUALITATIVE)

POSITIVE (+ve)

POSITIVE (+ve)

by QUALITATIVE METHOD USING RESORCINOL

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 ***



Dr. Vinay Chopra

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

Dr. Yugam Chopra

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

