





	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant		Dr. Yugam MD (CEO & Consultant F	Pathology)	
NAME	: Mr. KAMAL				
AGE/ GENDER	: 31 YRS/MALE	PA	TIENT ID	: 1540388	
COLLECTED BY	:	RE	G. NO./LAB NO.	: 012407060045	
REFERRED BY	:	RE	GISTRATION DATE	: 06/Jul/2024 02:34 PM	
BARCODE NO.	: 01512638	CO	LLECTION DATE	:06/Jul/202402:36PM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	:06/Jul/202405:52PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBAI	LA CANTT			
Test Name		Value	Unit	Biological Reference interval	
	CI	INICAL PA	THOLOGY		
	SEMEN	NANALYSIS	/SEMINOGRAM		
PHYSICAL EXAMINA	TION				
TIME OF SPECIMEN	COLLECTION	06-07-2024	AM/PM		
DURATION OF ABST	INENCE	3 DAYS	DAYS	2 - 7	
TYPE OF STONE		FRESH			
LIQUIFACTION TIME	AT 37*C	< 30 MINS	MINS	30 - 60	
VOLUME		1	ML		
COLOUR		WHITISH OP	AQUE	WHITISH OPAQUE	
VISCOSITY		VISCOUS		VISCOUS	
рН		8 ^H		5.0 - 7.5	
	IEN ANALYSIS, GOLD STANDARD, WH				
		182.2	Millions/m	nL 12 - 16	
•	CTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM AOTILITY (GRADE A + GRABE B + GRADE C) 48 % >= 42.0		> = 42.0		
by ELECTRO-OPTICS	SIGNAL & COMPUTER ALOGRITHM				
	IVE MOTILITY (GRADE A) signal & computer alogrithm	27	%	> = 30.0	
	VE MOTILITY (GRADE B)	16	%	>= 30	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM					
NON PROGRESSIVE MOTILITY (GRADE C) by electro-optics signal & computer alogrithm		5	%	<= 1	
IMMOTILE		52	%		
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM					
MORPHOLOGY NOR		9	%	> = 4.0	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM MOTILE SPERM CONCENTRATION		88.1	Millions/m	nL > = 6.0	
by ELECTRO-OPTICS	SIGNAL & COMPUTER ALOGRITHM				
RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATIC by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		48.5	Millions/mL $> = 5.0$		
,	VE MOTILE SPERM CONCENTRATION	30.1	Millions/m	nl	
	SIGNAL & COMPUTER ALOGRITHM	50			

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.





Dr. Vinay Chopra

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

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Test Name		Value	Unit	Biological Reference interva	
		16.4	Millions/mL		
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM VELOCITY (AVERAGE PATH VELOCITY)		54	Mic/sec	> = 5	
by ELECTRO-OPTICS SIGN SPERM MOTILE INDEX (S	al & COMPUTER ALOGRITHM MI)	448		> = 80	
by ELECTRO-OPTICS SIGN	AL & COMPUTER ALOGRITHM				
TOTAL PER EJACULATION	1	100.0	N 4111- / -	20.0	
TOTAL SPERM NUMBER by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		182.2	Millions/ejc.	> = 39.0	
TOTAL MOTILE SPERM		88.1	Millions/ejc.	> = 16.0	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM TOTAL PROGRESSIVE MOTILE SPERM		78.6	Millions/ejc.	> = 12.0	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM				7 12.0	
TOTAL FUNCTIONAL SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		16.4	Millions/ejc.		
TOTAL MORPHOLOGY NORMAL SPERM		16.4	Millions/ejc.	> = 2.0	
by ELECTRO-OPTICS SIGN, MANUAL MICROSCOPY A	AL & COMPUTER ALOGRITHM				
VITALITY	IND WORPHOLOGY	70	%		
by MICROSCOPY		10	70		
RED BLOOD CELLS (RBCs) by MICROSCOPY		NOT DETECTED	/HPF	NOT DETECTED	
PUS CELLS		4-6	/HPF	0 - 5	
AGGLUTINATES by MICROSCOPY		NOT DETECTED		NOT DETECTED	
AMORPHOUS DEPOSITS/ by MICROSCOPY	ROUND CELLS/DEBRIS	NOT DETECTED		NOT DETECTED	
BACTERIA by MICROSCOPY		NEGATIVE (-ve)		NEGATIVE (-ve)	
HEAD DEFECTS		39	%		
by MICROSCOPY PIN HEADS		8	%		
by MICROSCOPY NECK AND MID-PIECE DE	FECTS	26	%		
by MICROSCOPY		20	70		

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		Microbiology) Microbiology) onsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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TAIL DEFECTS		15	%	
by MICROSCOPY CYTOPLASMIC DROPLETS by MICROSCOPY		2	%	
ACROSOME/NUCLEUS DEFECTS by MICROSCOPY		1	%	
CHEMICAL EXAMINA	ATION			
SEMEN FRUCTOSE (QUALITATIVE) by QUALITATIVE METHOD USING RESORCINOL INTERPRETATION		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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