





	Dr. Vinay Chopra MD (Pathology & Micro Chairman & Consultant			. Yugam C MD (Par Consultant Pat	thology)
NAME	: Mr. NEERAJ				
AGE/ GENDER	: 29 YRS/MALE		PATIENT ID	:	: 1598972
COLLECTED BY	:		REG. NO./LAB N	0. :	: 012410210032
REFERRED BY	:		REGISTRATION	DATE :	: 21/Oct/2024 10:10 AM
BARCODE NO.	: 01519278		COLLECTION DA	TE :	: 21/Oct/2024 10:13AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DA		: 21/Oct/2024 05:25PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBA	LA CANTT			
Test Name		Value	L	Jnit	Biological Reference interval
	CI	LINICAL	PATHOLOGY		
	SEME		SIS/SEMINOGF	RAM	
PHYSICAL EXAMINA		• /		U IIVI	
TIME OF SPECIMEN (21-10-202	24	AM/PM	
DURATION OF ABSTI		3 DAYS		DAYS	2 - 7
TYPE OF SAMPLE	NENCE	FRESH		DATS	2 - 1
LIQUIFACTION TIME	AT 37*C	< 30 MIN	s	MINS	30 - 60
VOLUME		1.5		ML	00 00
COLOUR		WHITISH			WHITISH OPAQUE
VISCOSITY		VISCOUS			VISCOUS
рН		8 ^H			5.0 - 7.5
AUTOMMATED SEM	EN ANALYSIS, GOLD STANDARD, WH	O APPROV	<u>ED (SQA GOLD)</u>		
	ENTRATION signal & computer alogrithm	14.1		Millions/mL	12 - 16
TOTAL MOTILITY (GR	RADE A + GRABE B + GRADE C)	34		%	> = 42.0
-	SIGNAL & COMPUTER ALOGRITHM			0/	20.0
	VE MOTILITY (GRADE A) signal & computer alogrithm	6		%	> = 30.0
SLOWLY PROGRESSIVE MOTILITY (GRADE B) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM		4		%	>= 30
NON PROGRESSIVE N		24		%	<= 1
IMMOTILE		66		%	
MORPHOLOGY NOR	signal & computer alogrithm MAL	2		%	> = 4.0
	SIGNAL & COMPUTER ALOGRITHM			N 4111 / 1	
MOTILE SPERM CON by ELECTRO-OPTICS S	CENTRATION SIGNAL & COMPUTER ALOGRITHM	4.8		Millions/mL	> = 6.0
	VE MOTILE SPERM CONCENTRATION SIGNAL & COMPUTER ALOGRITHM	0.8		Millions/mL	> = 5.0
SLOWLY PROGRESSIN	VE MOTILE SPERM CONCENTRATION SIGNAL & COMPUTER ALOGRITHM	0.6		Millions/mL	

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 interval	
	0.1	Millions/m	nL	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGF VELOCITY (AVERAGE PATH VELOCITY)	10	Mic/sec	> = 5	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGE	RITHM			
SPERM MOTILE INDEX (SMI) by electro-optics signal & computer alogi	16 RITHM		> = 80	
TOTAL PER EJACULATION				
TOTAL SPERM NUMBER	21.2	Millions/e	jc. > = 39.0	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGF TOTAL MOTILE SPERM	<i>RITHM</i> 7.2	Millions/e	jc. > = 16.0	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGF		Willions/e	jc. > = 10.0	
TOTAL PROGRESSIVE MOTILE SPERM	2.3	Millions/e	jc. > = 12.0	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGF TOTAL FUNCTIONAL SPERM	0.2	0.2 Millions/ejc.		
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGE	RITHM			
TOTAL MORPHOLOGY NORMAL SPERM by electro-optics signal & computer alogi	0.4	Millions/e	jc. > = 2.0	
MANUAL MICROSCOPY AND MORPHOLOGY				
VITALITY	64	%		
by MICROSCOPY RED BLOOD CELLS (RBCs)	NOT DETECTED	/HPF	NOT DETECTED	
by MICROSCOPY	NOT DETECTED		NOT DETECTED	
PUS CELLS	2-4	/HPF	0 - 5	
by MICROSCOPY AGGLUTINATES	NOT DETECTED		NOT DETECTED	
by MICROSCOPY				
AMORPHOUS DEPOSITS/ROUND CELLS/DEBR by MICROSCOPY	NOT DETECTED		NOT DETECTED	
BACTERIA	NEGATIVE (-ve)		NEGATIVE (-ve)	
by MICROSCOPY HEAD DEFECTS	37	%		
by MICROSCOPY				
PIN HEADS by MICROSCOPY	9	%		
NECK AND MID-PIECE DEFECTS	28	%		
by MICROSCOPY				



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		& Microbiology) nsultant Pathologist	Dr. Yugan MD CEO & Consultant	(Pathology)
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TAIL DEFECTS by MICROSCOPY		21	%	
CYTOPLASMIC DROPLETS by MICROSCOPY		2	%	
ACROSOME/NUCLEUS DEFECTS by MICROSCOPY		1	%	
CHEMICAL EXAMIN	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 / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens in the area of seminal vesicles / vas deferens ve

*** End Of Report ***





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