



AGE/ GENDER     : 38 YRS/MALE     PATIENT ID     : 1779733       COLLECTED BY     :     .     REG. NO./LAB NO.     : 012503050043       REFERRED BY     :     .     .     REGISTRATION DATE     : 05/Mar/2025 03:30 PM       BARCODE NO.     : 01526517     COLLECTION DATE     : 05/Mar/2025 03:31 PM     .       CLIENT CODE.     : KOS DIAGNOSTIC LAB     REPORTING DATE     : 05/Mar/2025 05:06 PM       CLIENT ADDRESS     : 6349/1, NICHOLSON ROAD, AMBALA CANTT     : 05/Mar/2025 05:06 PM		<b>Dr. Vinay Chopra</b> MD (Pathology & Microbiolog Chairman & Consultant Patho	gy)	P <b>r. Yugam Cho</b> j MD (Patholo Consultant Patholo	ogy)
COLLECTED BY       REG. NO./LAB NO.       : 012:03:03:00:43         REFERRED BY       ::       REGISTRATION DATE       : 05/Mar/2025:03:30:PM         SARCODE NO.       :::05:20:517       COLLECTION DATE       :::05/Mar/2025:03:30:PM         SILENT CODE       :::05:01AGNOSTIC LAB       REPORTING DATE       ::05/Mar/2025:03:30:PM         SILENT ADDRESS       :::03:01AGNOSTIC LAB       REPORTING DATE       ::05/Mar/2025:05:06PM         SILENT ADDRESS       :::03:01AGNOSTIC LAB       REPORTING DATE       ::05/Mar/2025:05:06PM         CLINICAL PATHOLOGY         SEMEN ANALYSIS/SEMINOGRAM         PHYSICAL EXAMINATION         CLINICAL PATHOLOGY         CLINICAL PATHOLOGY         SEMEN ANALYSIS/SEMINOGRAM         PHYSICAL EXAMINATION         CLINICAL PATHOLOGY         CLINICAL PATHOLOGY         VISCONTRATION         COLDURATION OF 05-03-2025         MINNS         CLINICAL PATHOLOGY         VISCONTY         VISCONTY         OF 05-03-2025         AM/PM         OURATION OF 04-304YS         VISCONTY	NAME	: Mr. AVTAR SINGH			
REFERRED BY III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	AGE/ GENDER	: 38 YRS/MALE	<b>PATIENT ID</b>	: 177	79733
REFERRED BY III IIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	COLLECTED BY	:	<b>REG. NO./LAB</b>	NO. : 01	2503050043
BARCODE NO. $: 01526517$ COLLECTION DATE $: 05/Mar/2025 03:31PM$ REPORTING DATESTENET GODE $: KOS DIAGNOSTIC LAB$ REPORTING DATE $: 05/Mar/2025 05:06PM$ STENET ADDRESS $: 6349/1$ , NICHOLSON ROAD, AMBALA CANTT $: 05/Mar/2025 05:06PM$ TENE NAME OF COLSPANSION ROAD, AMBALA CANTTCLINICAL PATHOLOGY SEMEN ANALYSIS/SEMINOCRAMCLINICAL PATHOLOGY SEMEN ANALYSIS/SEMINOCRAMPATHOLOGY SEMEN ANALYSIS/SEMINOCRAMCLINICAL PATHOLOGY SEMEN ANALYSIS/SEMINOCRAMPATHOLOGY SEMEN ANALYSIS/SEMINOCRAMCLINICAL PATHOLOGY SEMEN ANALYSIS/SEMINOCRAMPATHOLOGY SEMEN ANALYSIS/SEMINOCRAMOF SAMPLE UQUIFACTION TIME AT 37°CG 30 MINSMINS30 - 60VISCOUR WINTISH OPAQUEVISCOUR WINTISH OPAQUEVISCOUR WINTISH OPAQUEVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISCOURSVISC		<u>.</u>			/Mar/2025 03:30 PM
LIENT CODE       : COS DIAGNOSTIC LAB       REPORTING DATE       : 05/Mar/2025 05:06PM         SIENT ADDRESS       : 6349/1, NICHOLSON ROAD, AMBALA CANTT       Iological Reference interval         CLINICAL PATHOLOGY       Data       Biological Reference interval         CLINICAL PATHOLOGY       SEMEN ANJAYSIS/SEMINOGRAM       Biological Reference interval         PHYSICAL EXAMINATION       CLINICAL PATHOLOGY       SEMEN ANJAYSIS/SEMINOGRAM         CHINE OF SPECIMEN COLLECTION       05-03-2025       AM/PM         DURATION OF ABSTINENCE       30 AVS       DAYS       2 - 7         TYPE OF SAMPLE       FRESH       UQUIRACTION TIME AT 37*C       < 30 MINS       MINS       30 - 60         SOLOUR       WHITISH OPAQUE       WHITISH OPAQUE       WHITISH OPAQUE       VISCOUS       50 - 7.5         OLOUR       get       65.5       Millions/mL       12 - 16          System CONCENTRATION       Q6.5       Millions/mL       12 - 16          System CONCENTRATION       13       %       >= 30.0          System CONCENTRATION       12       %             System CONCENTRATION       13       %       >= 30.0	BARCODE NO.	:01526517			
ELETA ADRESS : 6349/1, NICHOLSON ROAD, AMBALA CANT! Test Name Value Unit Biological Reference interval CLENECAL PATHOLOGY SEMENA NALVSIS/SEMINOCRAD PATHOLOGY SECONER COLLECTION 0.5-03-2025 MJ/YB DURATION OF ABSTINENCE 30 ANYS 2-7 PERSEN LIQUIFACTION TIME AT 37*C 30 MINS MINS 30-60 10 MINS 30-60 20 COLOUR VIETS SIGNAL & COMPUTE ALLOGRITHM PATHOLOGY DOR COLLECTION 0.5-03-2025 MJ/YB COLOUR 0.5-03-2025 MJ/YB UNITISH OPAQUE VIETS VIETS 0.5-03-2025 MJ/YB COLOUR 0.5-04 COLOUR			REPORTING D		
Linical Pathology         SEMEN ANALYSIS/SEMINOGRAM         PHYSICAL EXAMINATION         DURATION COLLECTION         DURATION COLLECTION         DURATION COLLECTION         DURATION OF SPECIMEN COLLECTION         DURATION OF ABSTINENCE         DURATION OF ABSTINENCE         DURATION TIME AT 37*C         C < 30 MINS	CLIENT ADDRESS				
SEMEN ANALYSIS/SEMINOGRAUNATIONPHYSICAL EXAMINATIONPUTNECAL EXAMINATION05-03-2025AM/PMDURATION OF ABSTINENCE3 DAYSDAYS2 - 7DURATION OF ABSTINENCE3 DAYSDAYS2 - 7LUQUIFACTION TIME AT 37*C< 30 MINS	Test Name	Value	;	Unit	Biological Reference interva
PHYSICAL EXAMINATIONDTIME OF SPECIMEN COLLECTION $05 \cdot 03 \cdot 2025$ AM/PMDURATION OF ABSTINENCE $3 \text{ DAYS}$ DAYS $2 \cdot 7$ DURATION OF ABSTINENCE $3 \text{ DAYS}$ DAYS $2 \cdot 7$ DURATION OF ABSTINENCE $3 \text{ DAYS}$ DAYS $2 \cdot 7$ DURATION OF ABSTINENCE $3 \text{ DAYS}$ DAYS $2 \cdot 7$ DURATION TIME AT $37^{+}$ C $< 30 \text{ MINS}$ MINS $30 \cdot 60$ VOLUME $1$ MLMLCOLOURWHITISH OPAQUEWHITISH OPAQUEVISCOUSVISCOSITY $M ODERATELY VISCOUS$ VISCOUSSH $g^{H}$ $50 \cdot 7.5$ AUTOMATED SEEM ANALYSIS, GOLD STANDARD, WHOTER ALOGRITHM $26.5$ Millions/mL $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $26.5$ Millions/mL $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $49$ $> = 30.0$ $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $26$ $< = 1$ $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $26$ $< = 1$ $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $26$ $< = 1$ NON PROCRESSIVE MOTILITY (GRADE B) $13$ $% > = 4.0$ $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $12$ $9$ MORTHLE $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $26$ MORTHLE $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $3$ $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $3$ $\sim = 4.0$ $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $by$ ELECTRO-OPTICS SIGMAL & COMPUTER ALOGRITHM $by$ E		CLINIC	AL PATHOLO	GY	
TIME OF SPECIMEN COLLECTION05-03-2025AM/PMDURATION OF ABSTINENCE3 DAYSDAYS2 - 7DURATION OF ABSTINENCE3 DAYSDAYS2 - 7DURATION OF ABSTINENCEFRESH		SEMEN ANA	ALYSIS/SEMINO	GRAM	
DURATION OF ABSTINENCE3 DAYSDAYS2 - 7TYPE OF SAMPLEFRESHLIQUIFACTION TIME AT 37*C< 30 MINS	PHYSICAL EXAMI	NATION			
FTYPE OF SAMPLEFRESHLIQUIFACTION TIME AT 37*C< 30 MINS	TIME OF SPECIME	N COLLECTION	05-03-2025	AM/PM	
LlQUIFACTION TIME AT 37*C< 30 MINSMINS30 - 60VOLUME1MLCOLOURWHITISH OPAQUEWHITISH OPAQUEVISCOSITYMODERATELY VISCOUSVISCOUSpH $gH$ 50 - 7.5AUTOMMATED SEMEN ANALYSIS, GOLD STANDARD, WH OPPROVED (SQA GUDE)TOTAL SPERM CONCENTRATION26.5Millions/mL12 - 16by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMAUTOMULT (CRADE A + GRABE B + GRADE C)74%> = 42.0by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMBUD (CRADE A + GRABE B + GRADE C)74%> = 30.0by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMAUTOMULT (CRADE A)49> = 30.0by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSIGNAL & COMPUTER ALOGRITHMBUD (CRADE C)12%<= 1	DURATION OF ABS	STINENCE	3 DAYS	DAYS	2 - 7
WOLUME1MLCOLOURWHITISH OPAQUEWHITISH OPAQUEWHITISH OPAQUEVISCOUSMODERATELY VISCOUSVISCOUSpH $gH$ $50 - 7.5$ AUTOMMATED SEMEN ANALYSIS, GOLD STANDARD, WH PPROVED (SQA GULSTOTAL SPERM CONCENTRATIONby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMFOTAL SPERM CONCENTRATION $26.5$ by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM $49$ COTAL MOTILITY (GRADE A + GRABE B + GRADE C) $74$ by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM $49$ SUBJECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM $8$ by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM $8$ NON PROCRESSIVE MOTILITY (GRADE C) $12$ by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM $8$ by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM $8$ NON PROCRESSIVE MOTILITY (GRADE C) $12$ by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM $8$ MOTILE SPERM CONCENTRATION $19.7$ MINITILE SPERM CONCENTRATION $19.7$ MORPHOLOGY NORMAL $> = 6.0$ by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMMOTILE SPERM CONCENTRATION $12.9$ MINITILE SPERM CONCENTRATIONby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSUBULY PROGRESSIVE MOTILE SPERM CONCENTRATIONby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM <td>TYPE OF SAMPLE</td> <td></td> <td>FRESH</td> <td></td> <td></td>	TYPE OF SAMPLE		FRESH		
COLOURWHITISH OPAQUEWHITISH OPAQUEWHITISH OPAQUEVISCOSITYMODERATELY VISCOUSVISCOUSpH $g^H$ 5.0 - 7.5AUTOMMATED SEMEN ANALYSIS, GOLD STANDARD, WH PROVED (SQA GUESTAUTOMMATED SEMEN ANALYSIS, GOLD STANDARD, WH PROVED (SQA GUESTINTER ALOGRITHMby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMRAPIDLY PROCRESSIVE MOTILITY (CRADE A)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMRAPIDLY PROCRESSIVE MOTILITY (CRADE B)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C)by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILE SPERM CONCENTRATIONby ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMby ELECTRO-OPTICS SIGNAL & COMPU		ИЕ АТ 37*C	< 30 MINS		30 - 60
VISCOSITYMODERATELY VISCOUSVISCOUS SUBJECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMTOTAL SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM26.5Millions/mL $12 - 16$ TOTAL MOTILITY (GRADE A + GRABE B + GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM74%> = 42.0RAPIDLY PROGRESSIVE MOTILITY (GRADE A) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM49%> = 30.0SLOWLY PROGRESSIVE MOTILITY (GRADE B) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM13%> = 30SLOWLY PROGRESSIVE MOTILITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM26%< = 1			-		
PH8H5.0 - 7.5AUTOMMATED SEMEN ANALYSIS, COLD STANDARD, WHO APPROVED (SQA GOLD)DY AL SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMTOTAL SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMRAPIDLY PROGRESSIVE MOTTLLITY (GRADE A) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSLOWLY PROGRESSIVE MOTTLLITY (GRADE B) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSLOWLY PROGRESSIVE MOTTLLITY (GRADE B) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLLITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLLITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLLITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLL SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSUDVLY PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSUDVLY PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSUDVLY PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSUDVLY PROGRESSIVE MOTTLE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER					
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TOTAL SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM26.5Millions/mL12 - 16TOTAL MOTILITY (GRADE A + GRABE B + GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM74%>= 42.0RAPIDLY PROGRESSIVE MOTILITY (GRADE A) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM49%>= 30.0SLOWLY PROGRESSIVE MOTILITY (GRADE B) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM13%>= 30NON PROGRESSIVE MOTILITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM12%<= 1	-	MEN ANALYSIS COLD STANDARD WH	°	A COLD)	5.0 - 7.5
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMTOTAL MOTILITY (GRADE A + GRABE B + GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM74%> = 42.0RAPIDLY PROGRESSIVE MOTILITY (GRADE A) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM49%> = 30.0SLOWLY PROGRESSIVE MOTILITY (GRADE B) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM13%> = 30NON PROGRESSIVE MOTILITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM12%<= 1					L 12 - 16
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by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMSLOWLY PROGRESSIVE MOTILITY (GRADE B) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM13%>= 30NON PROGRESSIVE MOTILITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM12%<= 1			49	%	> = 30.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHMNON PROGRESSIVE MOTILITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM12%<= 1	by ELECTRO-OPTICS	SIGNAL & COMPUTER ALOGRITHM			
NON PROGRESSIVE MOTILITY (GRADE C) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM12%<= 1IMMOTILE by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM26%MORPHOLOGY NORMAL by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM13%> = 4.0MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM19.7Millions/mL> = 6.0RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM12.9Millions/mL> = 5.0SLOWLY PROGRESSIVE MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM3.4Millions/mL> = 5.0			13	%	>= 30
MMOTILE by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM26%MORPHOLOGY NORMAL by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM13%> = 4.0MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM19.7Millions/mL> = 6.0RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM12.9Millions/mL> = 5.0SLOWLY PROGRESSIVE MOTILE SPERM CONCENTRATION by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM3.4Millions/mL> = 5.0	NON PROGRESSIVE	E MOTILITY (GRADE C)	12	%	<= 1
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM       13       %       > = 4.0         MORPHOLOGY NORMAL       13       %       > = 6.0         by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM       19.7       Millions/mL       > = 6.0         MOTILE SPERM CONCENTRATION       19.7       Millions/mL       > = 5.0         by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM       12.9       Millions/mL       > = 5.0         RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATION       12.9       Millions/mL       > = 5.0         by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM       3.4       Millions/mL       > = 5.0	,	SIGNAL & COMPUTER ALOGRITHM	26	0/	
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM MOTILE SPERM CONCENTRATION 19.7 Millions/mL >= 6.0 by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATION 12.9 Millions/mL >= 5.0 by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM SLOWLY PROGRESSIVE MOTILE SPERM CONCENTRATION 3.4 Millions/mL		SIGNAL & COMPUTER ALOGRITHM	20	70	
MOTILE SPERM CONCENTRATION       19.7       Millions/mL       > = 6.0         by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM       12.9       Millions/mL       > = 5.0         RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATION       12.9       Millions/mL       > = 5.0         by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM       3.4       Millions/mL         SLOWLY PROGRESSIVE MOTILE SPERM CONCENTRATION       3.4       Millions/mL			13	%	> = 4.0
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM RAPIDLY PROGRESSIVE MOTILE SPERM CONCENTRATION 12.9 Millions/mL > = 5.0 by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM SLOWLY PROGRESSIVE MOTILE SPERM CONCENTRATION 3.4 Millions/mL by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	-		107	Millions /m	$V \rightarrow -60$
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM SLOWLY PROGRESSIVE MOTILE SPERM CONCENTRATION 3.4 Millions/mL by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM			19.7	withions/m	1L > = 0.0
SLOWLY PROGRESSIVE MOTILE SPERM CONCENTRATION 3.4       Millions/mL         by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM       Millions/mL			12.9	Millions/m	L >= 5.0
	SLOWLY PROGRES	SIVE MOTILE SPERM CONCENTRATION	3.4	Millions/m	ıL
			4.6	Millions/m	L



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

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

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				MD	) (	Path	nolo	ogy)	
CEO	&	Co	onsu	Iltar	nt	Path	olo	gist	

NAME	: Mr. AVTAR SINGH		
AGE/ GENDER	: 38 YRS/MALE	PATIENT ID	: 1779733
<b>COLLECTED BY</b>	:	REG. NO./LAB NO.	: 012503050043
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 05/Mar/2025 03:30 PM
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Test Name	Value	Unit	<b>Biological Reference interval</b>
by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM VELOCITY (AVERAGE PATH VELOCITY) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	43	Mic/sec	> = 5
SPERM MOTILE INDEX (SMI) by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	115		> = 80
TOTAL PER EJACULATION			
TOTAL SPERM NUMBER by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	26.5	Millions/ejc.	> = 39.0
TOTAL MOTILE SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	19.7	Millions/ejc.	> = 16.0
TOTAL PROGRESSIVE MOTILE SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	16.4	Millions/ejc.	> = 12.0
TOTAL FUNCTIONAL SPERM by electro-optics signal & computer alogrithm	4.6	Millions/ejc.	
TOTAL MORPHOLOGY NORMAL SPERM by ELECTRO-OPTICS SIGNAL & COMPUTER ALOGRITHM	3.4	Millions/ejc.	> = 2.0
MANUAL MICROSCOPY AND MORPHOLOGY			
VITALITY by MICROSCOPY	77	%	
RED BLOOD CELLS (RBCs) by MICROSCOPY	NOT DETECTED	/HPF	NOT DETECTED
PUS CELLS by MICROSCOPY	1-3	/HPF	0 - 5
AGGLUTINATES by MICROSCOPY	NOT DETECTED		NOT DETECTED
AMORPHOUS DEPOSITS/ROUND CELLS/DEBRIS by MICROSCOPY	NOT DETECTED		NOT DETECTED
BACTERIA by MICROSCOPY	NEGATIVE (-ve)		NEGATIVE (-ve)
HEAD DEFECTS by MICROSCOPY	35	%	
PIN HEADS by MICROSCOPY	8	%	
NECK AND MID-PIECE DEFECTS by MICROSCOPY	24	%	
TAIL DEFECTS by MICROSCOPY	17	%	

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

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







	MD	: Vinay Chopr 9 (Pathology & Mic airman & Consulta	robiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. AVTAR SIN	GH			
AGE/ GENDER	: 38 YRS/MALE		PATIE	NT ID	: 1779733
COLLECTED BY	:		REG. N	0./LAB NO.	: 012503050043
REFERRED BY	:		REGIST	<b>TRATION DATE</b>	: 05/Mar/2025 03:30 PM
BARCODE NO.	:01526517		COLLE	CTION DATE	:05/Mar/202503:31PM
CLIENT CODE.	: KOS DIAGNOST	IC LAB	REPOR	TING DATE	:05/Mar/202505:06PM
CLIENT ADDRESS	: 6349/1, NICHO	LSON ROAD, AMB	ALA CANTT		
Test Name			Value	Unit	Biological Reference interval
	OPLETS		Value 2	Unit %	Biological Reference interval
<b>Test Name</b> CYTOPLASMIC DR by MICROSCOPY ACROSOME/NUCL by MICROSCOPY					Biological Reference interval
CYTOPLASMIC DR by microscopy ACROSOME/NUCL	EUS DEFECTS			%	Biological Reference interval

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

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