





| | 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)

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: Ilnd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com



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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| CLIENT ADDRESS : 6349/1, NICHOLSON 1 | ROAD, AMBALA CANTT | | | |
| 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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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY)







| | | & Microbiology) nsultant Pathologist | Dr. Yugan MD CEO & Consultant | (Pathology) |
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| CLIENT ADDRESS Test Name | : 6349/1, NICHOLSON ROAD | Value | Unit | Biological Reference interval |
| 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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