



P K R JAIN HEALTHCARE INSTITUTE

NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

A PIONEER DIAGNOSTIC CENTRE

☎ 0171-2532620, 8222896961

✉ pkrjainhealthcare@gmail.com

NAME : Mrs. ANITA GUPTA
AGE/ GENDER : 68 YRS/FEMALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 12504724
CLIENT CODE. : P.K.R JAIN HEALTHCARE INSTITUTE
CLIENT ADDRESS : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA

PATIENT ID : 1614335
REG. NO./LAB NO. : 122409160003
REGISTRATION DATE : 16/Sep/2024 09:25 AM
COLLECTION DATE : 16/Sep/2024 09:28 AM
REPORTING DATE : 16/Sep/2024 05:12 PM

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

CLINICAL PATHOLOGY

URINE ROUTINE & MICROSCOPIC EXAMINATION

PHYSICAL EXAMINATION

| | | | |
|--|--------------|----|---------------|
| QUANTITY RECIEVED | 10 | ml | |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| COLOUR | AMBER YELLOW | | PALE YELLOW |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| TRANSPARANCY | HAZY | | CLEAR |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| SPECIFIC GRAVITY | <=1.005 | | 1.002 - 1.030 |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |

CHEMICAL EXAMINATION

| | | | |
|---|----------------|-------|----------------|
| REACTION | ACIDIC | | |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| PROTEIN | Negative | | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| SUGAR | 2+ | | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| pH | <=5.0 | | 5.0 - 7.5 |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| BILIRUBIN | Negative | | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| NITRITE | Negative | | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY. | | | |
| UROBILINOGEN | Normal | EU/dL | 0.2 - 1.0 |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| KETONE BODIES | Negative | | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| BLOOD | Negative | | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |
| ASCORBIC ACID | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY | | | |

MICROSCOPIC EXAMINATION




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


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





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| RED BLOOD CELLS (RBCs) <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | NEGATIVE (-ve) | /HPF | 0 - 3 |
| PUS CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | 1-3 | /HPF | 0 - 5 |
| EPITHELIAL CELLS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | 2-4 | /HPF | ABSENT |
| CRYSTALS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| CASTS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| BACTERIA <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| OTHERS <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | NEGATIVE (-ve) | | NEGATIVE (-ve) |
| TRICHOMONAS VAGINALIS (PROTOZOA) <i>by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT</i> | ABSENT | | ABSENT |
| RECHECKED MANUALLY . Suggestive of renal glycosuria . Correlate clinically . | | | |




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MICROBIOLOGY

CULTURE AEROBIC BACTERIA AND ANTIBIOTIC SENSITIVITY: URINE

CULTURE AND SUSCEPTIBILITY: URINE

DATE OF SAMPLE 16-09-2024
SPECIMEN SOURCE URINE
INCUBATION PERIOD 48 HOURS
by AUTOMATED BROTH CULTURE
CULTURE STERILE
by AUTOMATED BROTH CULTURE
ORGANISM NO AEROBIC PYOGENIC ORGANISM GROWN AFTER 48 HOURS OF INCUBATION AT 37°C
by AUTOMATED BROTH CULTURE

AEROBIC SUSCEPTIBILITY: URINE

INTERPRETATION:

1. In urine culture and sensitivity, presence of more than 100,000 organism per mL in midstream sample of urine is considered clinically significant. However in symptomatic patients, a smaller number of bacteria (100 to 10000/mL) may signify infection.
2. Colony count of 100 to 10000/ mL indicate infection, if isolate from specimen obtained by suprapubic aspiration or "in-and-out" catheterization or from patients with indwelling catheters.

SUSCEPTIBILITY:

1. A test interpreted as **SENSITIVE** implies that infection due to isolate may be appropriately treated with the dosage of an antimicrobial agent recommended for that type of infection and infecting species, unless otherwise indicated..
2. A test interpreted as **INTERMEDIATE** implies that the "infection due to the isolate may be appropriately treated in body sites where the drugs are physiologically concentrated or when a high dosage of drug can be used".
3. A test interpreted as **RESISTANT** implies that the "isolates are not inhibited by the usually achievable concentration of the agents with normal dosage, schedule and/or fall in the range where specific microbial resistance mechanism are likely (e.g. beta-lactamases), and clinical efficacy has not been reliable in treatment studies.

CAUTION:

Conditions which can cause a false Negative culture:

1. Patient is on antibiotics. Please repeat culture post therapy.
2. Anaerobic bacterial infection.
3. Fastidious aerobic bacteria which are not able to grow on routine culture media.
4. Besides all these factors, at least in 25-40 % of cases there is no direct correlation between in vivo clinical picture.
5. Renal tuberculosis to be confirmed by AFB studies.

*** End Of Report ***



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