



Name : Mrs. PANCHAVARNAM S
Age / Gender : 75.11 Year(s)/ Female
Contact No. : +919884335734
Address : B2 SEIVGAN FLATS Chennai
Pin code : 600106

VID No. : 250361515435690
PID No. : P40825544983430
Referred by : SELF
Registered On : 09/03/2026 12:03 PM
Collected On : 09/03/2026 12:00PM
Reported On : 11/03/2026 5:25 PM

Investigation

Observed Value

Unit

Biological Reference Interval

Routine Examination Profile - Urine

General Examination

Colour (Light Scattering)	Pale Yellow		Pale Yellow
Transparency (Appearance) (Light Scattering)	Slightly Turbid		Clear
Reaction (pH) (Methyl Red / Bromothymol Blue)	7		5.0-9.0
Specific gravity (Methyl Red / Bromothymol Blue)	1.012		1.015-1.025

Chemical Examination

Urine Protein (Albumin) (Reflectance Spectrophotometry)	Absent		Absent
Urine Ketones (Acetone) (Rothera's method)	Absent		Absent
Urine Glucose (sugar) (Benedicts Test)	Present 2+		Absent
Bile Salt & Pigments (Fouchet's method)	Absent		Absent
Urobilinogen (Ehrlich method)	Present in normal amount		Present in normal amount
Nitrite (Reflectance Spectrophotometry)	Negative		Negative

Microscopic Examination

Red blood cells	0.8	/hpf	0-2
Pus cells (WBCs)	6.1	/hpf	0-5
Epithelial cells	0.4	/hpf	0-2
Crystals	No Crystals seen		No crystals seen
Cast	No Casts seen		No Casts seen
Bacteria	Present		Absent
Yeast cells	Absent		Absent

Note : 1.

Pre-test conditions to be observed while submitting the sample- First void, mid-stream urine, collected in a clean, dry, sterile container is recommended for routine urine analysis, avoid contamination with any discharge from vaginal, urethra, perineum, as applicable, avoid prolonged transit time & undue exposure to sunlight. 2

S. Nalina priya

Dr. NALINAPRIYA
MD (Pathology)
Consultant Pathologist
Reg no.111809

MEDICAL LABORATORY REPORT



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During interpretation, points to be considered are Negative nitrite test does not exclude the urinary tract infections, Trace proteinuria can be seen with many physiological conditions like prolonged recumbency, exercise, high protein diet. False positive reactions for bile pigments, proteins, glucose and nitrites can be caused by peroxidase like activity by disinfectants, therapeutic dyes, ascorbic acid and certain drugs

.3.
All urine samples are checked for adequacy and suitability before examination.

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CULTURE AND SENSITIVITY - URINE

Specimen : Urine
Gram Stain : Occasional pus cells, Few Gram Negative Bacilli seen.

Final Report

Organism(s) Isolated 1) Escherichia coli 2) Pseudomonas aeruginosa

Colony Count 1) 50,000 Cfu/ml 2) 60,000 Cfu/ml

Note Result of culture and antimicrobial susceptibility test need to be correlated clinically. Sample collection/ storage/ transport techniques and previous history of antibiotic usage may influence the growth of microorganisms in Vitro. Report has been released according to CLSI guidelines.

Escherichia coli

Antimicrobial Agent	Zone of Inhibition(mm)	Interpretation
Amikacin	19	Intermediate
Amoxicillin/clavulanic acid	6	Resistant
Ampicillin	6	Resistant
Cefazolin	6	Resistant
Cefepime	24	Sensitive
Cefoperazone	25	Sensitive
Cefotaxime	26	Sensitive
Ceftazidime	17	Intermediate
Ceftriaxone	25	Sensitive
Cefuroxime	6	Resistant
Ciprofloxacin	26	Sensitive
Gentamycin	21	Sensitive
Imipenem	23	Sensitive
Levofloxacin	25	Sensitive
Meropenem	24	Sensitive
Nalidixic acid	21	Sensitive
Nitrofurantoin	15	Intermediate
Norfloxacin	22	Sensitive
Piperacillin/tazobactam	26	Sensitive
Tetracycline	21	Sensitive



Dr. K. RAJALAKSHMI
 MD (Microbiology)
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 Reg no.115002

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Tobramycin	22	Sensitive
Trimethoprim/Sulfamethoxazole	23	Sensitive

Pseudomonas aeruginosa

Antimicrobial Agent	Zone of Inhibition(mm)	Interpretation
Amikacin	22	Sensitive
Aztreonam	21	Sensitive
Cefepime	23	Sensitive
Ceftazidime	24	Sensitive
Ciprofloxacin	25	Sensitive
Doripenem	26	Sensitive
Imipenem	22	Sensitive
Levofloxacin	26	Sensitive
Meropenem	24	Sensitive
Netilmicin	22	Sensitive
Norfloxacin	21	Sensitive
Piperacillin	24	Sensitive
Piperacillin/tazobactam	25	Sensitive
Tobramycin	22	Sensitive

-- End of Report --



Test Marked with NABL symbol are in the scope of accreditation



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