



Renal / Nephrology Test Services

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Renal / Nephrology Test Services

1. Biochemical Profile Renal Disease

- Kidney Function Test (Urea, Creatinine, Urine Routine, Urine Acid, Sodium, Potassium)
- Cystatin C
- Magnesium
- Ionized Calcium
- Calcium
- NGAL-Serum/Urine

2. Urine Examination

- Microscopic Phase (Phase Contrast Microscopy)
- Urine Microscopy (by Flowcytometry)
- Biochemical (Specific Gravity,pH, Leukocytes, Nitrate, Protein, Glucose, Ketones, Urobilinogen, Bilirubin, Blood)

3. Diabetic Renal Disease Profile

- Urine Routine & Microscopic Examination
- Urinary Microalbumin
- HbA1c
- Kidney Function Test (Urea, Creatinine, Urine Routine ,Uric Acid, Sodium, Potassium)
- Diabetic Pedography and Temperature Vibration and Autonomic Neuropathy Assessment

4. Renal Anemia Profile

- Iron Profile (Iron,TIBC,Ferritin)
- Soluble Transferrin Receptor
- Soluble Transferrin Receptor to Log Ferritin Index
- Vitamin B12
- Folic Acid
- Serum Erythropoietin (EPO)
- Automated Reticulocyte Count

5. Renal Bone Profile

- Serum Calcium
- Ionized Calcium
- Parathyroid Hormone(PTH)
- Bone Markers
 - P1nP
 - Osteocalcin
 - β - CrossLap
- Ultra Sensitive Vitamin D (LC-MS/MS)
- Bone Mineral Density (BMD)-DEXA Scan

6. Glomerulonephritis Profile

- Urine Routine & Phase Contrast Microscopy
- Complement Components C3 &C4
- Anti Glomerular basement membrane Antibody (Anti-GBM Antibody)
- PLA2R
- C-ANCA (PR3) (IFA/EIA)
- P-ANCA (MPO) (IFA/EIA)
- ANA Test (IFA)
- ANA Profile (RNP, Antigen, SM-Antigen, SSA Antigen, RO-52, SSB,Scl-70, PM-Scl, Jo-1, CENP B, PCNA, ds-DNA, Nuclcosomes, Histones, RIBP-Protien, AMA-M2)
- ds-DNA
- Serum Immunoglobins IgA, IgG, IgM
- Serum Electrophoresis (Capillary, electrophoresis)
- Serum Immunofixation Test
- Urinary Electrophoresis (Capillary, Electrophoresis)
- Urinary Immunofixation Test
- Free Kappa /Lambda Light Chain Assay(Serum)

7. Hormones in Renal Disorders

- Parathyroid Hormones (PTH)
- Calcitonin
- Erythropoietin
- Ultra Sensitive Vitamin D (LC-MS/MS)
- Plasma Renin
- Serum Aldosterone

8. Renal Biopsy

- PAS/VG/Reticulin/Silver Methanamine Staining Immunofluorescence (IgA, IgM, IgG, C3, C1q, Kappa, Lambda)

9. Other Renal Tests

- AFB Culture & Sensitivity Bactee
- Automated Urinary Culture & Sensitivity (MALDI-TOF) (Vitek-2 Identification & Sensitivity)
- Osmolality- serum / Urine
- Renal Stone Analysis (by FTIR)
- Dialysis Fluid Analysis
- GeneExpert TB PCR Urine
- Renal vascular Doppler USG
- KUB USG Examination
- TTKG (Trans-Tubular Potassium Gradient)