



ಯಾದವಮ್ ಟ್ರಸ್ಟ್ Yadalam Trust

ಸುಶ್ರುತ ಆಯುರ್ವೇದ ವೈದ್ಯಕೀಯ ಮಹಾವಿದ್ಯಾಲಯ ಮತ್ತು ಆಸ್ಪತ್ರೆ Sushruta Ayurvedic Medical College & Hospital

(Recognized by NCISM, Ministry of AYUSH, New Delhi, Affiliated to RGHUS, Bengaluru, Karnataka)

"Prashanti Kuteera" SVYASA Campus, Jodi Bingipura, Kallubalu Post, Jigani Hobli, Anekal Taluk, Bengaluru - 560 105.

+91-9110659242 2002ayu0091@gmail.com <https://sushrutaayurvedicmedicalcollege.com>

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Different Sections of a Clinical Laboratory and Tests under Each

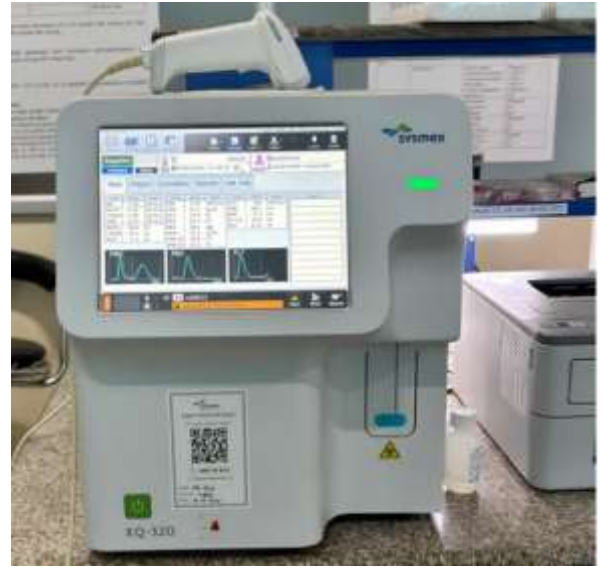
A clinical laboratory is divided into specialized sections. Each section performs specific types of diagnostic tests.

Haematology section

Focus: Study of blood cells and clotting disorders.

Common Tests:

- Complete Blood Count (CBC)
- Haemoglobin (Hb)
- Total WBC Count
- Differential Count (DC)
- Platelet Count
- ESR (Erythrocyte Sedimentation Rate)
- Peripheral Blood Smear
- Prothrombin Time (PT/INR)
- APTT (Activated Partial Thromboplastin Time)



Clinical Biochemistry Section:

Focus: Chemical analysis of Serum, Enzymes etc.

Common Tests:

- Blood Glucose (Fasting / Postprandial)
- HbA1c
- Lipid Profile
- Liver Function Test (LFT)
- Renal Function Test (RFT)
- Serum Electrolytes (Na⁺, K⁺, Cl⁻)
- Thyroid Profile (T3, T4, TSH)



Clinical Pathology section

Focus: Examination of body fluids.

Common Tests:

- Urine Routine & Microscopy
- Stool Routine & Microscopy
- Semen Analysis
- Pregnancy Test



Immunology / Serology section

Focus: Antigen-antibody reactions for infection & autoimmune diseases.

Common Tests:

- HIV Test
- HBsAg (Hepatitis B)
- HCV (Hepatitis C)
- Dengue (NS1, IgG, IgM)
- WIDAL Test
- CRP (C-Reactive Protein)
- Rheumatoid Factor (RF)
- ASO Titre

