

लेडी हार्डिंग मेडिकल कॉलेज एवं श्रीमति सुचेता कृपलानी अस्पताल :नई दिल्ली
Lady Hardinge Medical College & Smt. Sucheta Kriplani Hospital: New Delhi
जीव रसायन विभाग
Department of Biochemistry

The clinical Biochemistry lab in LHMC & associated hospitals is a Medical Testing laboratory catering to about 14 Lakh per annum in SSKH & 25.30 lakh per annum in KSCH samples qualifying this large laboratory. The Lab offers its services to Out-patient department as well as to In-patients. The Hormone lab unit of this lab caters to the pediatric population too of associated Kalawati Saran Children's Hospital.

Instruments available, trained technical staff

The Department of Biochemistry is equipped with state -of-the- art fully automated analyzers to ensure Quality results in minimum time. The clinical chemistry laboratory is equipped with fully automated Beckman Coulter AU-5800 and AU-680 analysers in SSKH and xl-640, elan 30 ELISA and thermofischer drug analyzer in KSCH. The hormone lab has latest technology E-CLIA (Electrochemiluminescence: by fully automated Immunoanalyser Roche e411) and CLIA (chemiluminescence by Beckman coulter Access) for hormonal assays/vitamins/Tumor markers.

Quality control:

Internal Quality Control (IQC) is performed daily as per the protocols laid down by NABL. IQC is a set of laboratory procedures designed to ensure that the test method is working properly . It consists of testing known reference material (sera, strains, lyophilized material, reference slides etc.) in parallel to patient samples. Patient samples are analyzed after obtaining IQC results in recommended range.

Biochemistry lab also participates in external quality assurance programme (EQAS) by Randox, which is amongst world's largest proficiency testing programme, involving 45000 labs in 124 countries. EQAS is an essential aspect of any laboratory operation providing a means of assessing analytical performance compared to other laboratories using the same method and instrument.

A certificate of performance is provided along with the end of cycle report listing all parameters, for which the laboratory achieved an acceptable level of performance.

Key Information

Location of lab:

1. Smt. Sucheta Kriplani Hospital

First floor, New Building
New Delhi

2. Kalawati Saran Children Hospital

2nd Floor

New Delhi

Sample Collection: For OPD patients: In central sample collection facility in both the respective hospitals

For IPD patients: In their respective wards

Opening time: The lab services are available round the clock 24x7x365 days for emergency samples

Routine , Hormone assays and Drug Assays samples are taken till 12 noon (9-4 Lab)