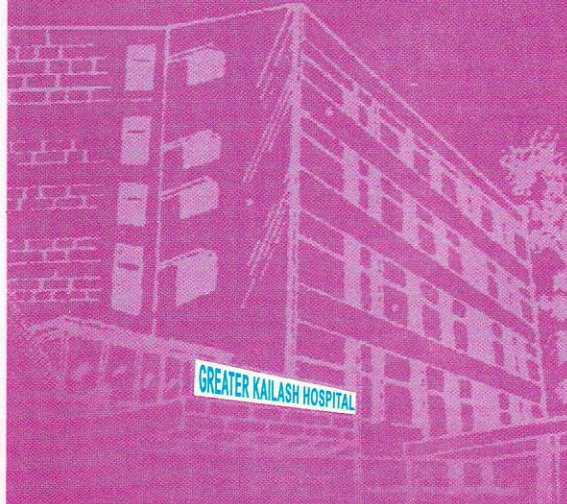




**GREATER KAILASH HOSPITAL**



**DEPARTMENT OF  
LABORATORY MEDICINE**

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## Haematology :-

- ♦ Accurate cell counts with automated cell counter
- ♦ 20 parameters reported in CBC
- ♦ Differential WBC reported in % as well as absolute numbers.
- ♦ All CBC cross checked with smears
- ♦ Daily QC (Quality Control) of all parameters
- ♦ Age & Sex-matched reference ranges given to facilitate interpretation.
- ♦ Automated coagulometer for precise monitoring of anticoagulant therapy.



## Biochemistry :-

- ♦ Automated random - access dry chemistry analyser for utmost precision & accuracy of biochemical analyses.
- ♦ Blood Gas & Electrolyte analyser for instant metabolic & respiratory parameters.
- ♦ GFR reported with S. Creatinine to facilitate detection of significant renal impairment with normal S. creatinine values.
- ♦ Regular QC (Quality Control) check for all biochemical parameters to validate all results.



## Immunology :-

- ♦ Automated immunoanalyser for Hormones, Drugs & Viral markers.

## Microbiology :-

- ♦ Automated blood culture system for prompt detection of positive blood culture as early as 4-5 hrs.
- ♦ Automated Bacterial identification & MIC testing system for precise identification of bacteria from culture & their antibiotic susceptibility by MIC testing.
- ♦ Anaerobic culture
- ♦ Fungal culture identification & susceptibility testing.
- ♦ TB Culture & Sensitivity - by automated system and identification by molecular methods.
- ♦ Microbiological safety cabinet & CO2 incubator for inoculation & incubation of cultures for maximum yield.
- ♦ Sensitivity reporting as per current CLSI guidelines.



## Histopathology :-

(State of Art, all imported, automated instruments)

- ♦ Automated system include Tissue processing and Microtome.
- ♦ Frozen section (cryostat) system for urgent reporting of Histopathology specimen.
- ♦ Special staining procedures.
- ♦ Special centrifuges for cytology specimen to get maximum yield (cell-button studies)
- ♦ Reports along with micro-photographs.
- ♦ Immuno histo chemistry reporting soon.





- Reliability & Efficiency at its best.**
- Fully computerized lab to avoid any manual errors.**
- Quality control of all laboratory procedures.**
- Lab results validated by external Quality Assessment program from reputed institutions.**
- Efficient technologist staff supervised by experienced pathologists for each procedure.**
- Useful interpretive remarks with all reports as per current international practice guidelines.**



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