

Lab Facility

Our State of art facility is located in Industrial Area of Noida (NCR) . The lab / research facility is Total : 6000 Sq Feets (Approx)

Microbiology & Cell Culture Facility :

Vertical Laminar Air Flow (4x2x2) , Horizontal Laminar Air Flow (2x2x2) B.O.D. Incubator (Julabo) , CO2 Incubator (Jauan) , Orbital Incubator Shaker, UV Chamber , Incubator, Colony Counter , Colorimeter , Muffle Furnace , Hot Air Oven , Desiccators, Binocular Microscopes and , Lypholizer

Molecular Biology Lab Facility :

Microarray Facility : Agilent Micro Array Scanner, Gene Chip Fluidics Station , Hybridization Oven (All are from Affymatrix)

Real Time PCR : Applied Bio Instruments 9700 (2) with analysis software **PCR Facility :** Real Time PCR(ABI), PCR machine (Bio Rad) , 2 Gradient PCR Machine (M.J.Research) , 2 PCR Machine (MWG Biotech)

Nucleic acid quality check and analysis facility : Bio Analyzer , Gel Documentation System , Nano Drop (Thermo Scientific) , Thermo Savant Speedvac Concentrator

Centrifugation Systems :

Labnet Microcentrifuge , High Speed Refrigerated Centrifuge (Beckman) , Refrigerated Micro Centrifuge RC 4815 F (Eltek) , Refrigerated High Speed Centrifuge RC 4100F (Eltek) , Remi Centrifuge , Mini Centrifuges (Thermo)

Other Molecular Biology Lab Equipments : ELISA Reader (Dynamex) , Gel Electrophoresis Equipments, Electro Transfer Apparatus , E-Blotter , Immuno Electrophoresis , SDS PAGE, , Spin Centrifuge , Vortex , Heat Block Apparatus , Ultra freezer, and others.

Chromatography and Analytical Chemistry Lab :

Mass Spectrometry Equipments :

GC -MS System by Agilent , GC-FID & FPD Detectors (Agilent 6890) **Liquid Chromatography Equipments :**

HPLC (Thermo Spectra System with autosampler & DAD Detector) , HPLC (Agilent 1100 with PDA & Fluorescent Detector) ,HPLC (Shimadzu) , Protein Purification System (Bio-Rad) , FPLC (Pharmacia Biotech) ,

Gas Chromatography Equipments :

Gas Chromatography (Agilent 6890 with Dual FID Detector) , Shimadzu GC (FID , TCD & ECD)

Spectrometry Equipments :

Double Beam UV - Vis Spectrophotometer (Shimadzu 1600) , Double Beam UV - Vis Spectrophotometer (Thermo Helios) , Varian Carry 50 Bio Spectrophotometer

Other Analytical Chemistry Equipments :

Refractometer , Flame Photometer (Toshniwal), Karl Fisher Titrator (Sistrionics), Potentiometer, Polari meter , Tintometer ,Viscometer , Kjeldahl Distillation Unit , Kjeldahl Digestion Unit , Ion Selective for Fluoride Analysis (Thermo Orion) , Nephelometer , Soxhlet Extraction , Rotatory Vaccum Evaporator with chiller , etc.

Biochemistry / Organic Synthesis Chemistry Lab : Spectrophotometer (Thermo Heleus Alpha) , Analytical Balance (Sartorius) , Ph Meter (Thermo Orion) , Ion Selective (Thermo Orion) , Conductivity Meter (Thermo

Orion), Dissolved Oxygen Meter (Thermo Orion) , Turbidity Meter, Autoclaves, Hot Air Oven , Hot Plate , Magnetic Stirrers , Pipette Washer , Shaking Machine , Water Bath , Colorimeter , Flame Photometer , etc.

Lab Water Purification : Millipore Milli Q System

Clinical Biology Lab :

Hametology Analyzer (Sysmex , Japam) , Automatic Immunoassay (Abott Lab , USA) , Hametology HPLC Biorad Variant II

Fermentation : Lab Scale 5 Lts Bioreactor

Power Backup : 40 kVA Generator & UPS