



Centre for DNA Fingerprinting and Diagnostics

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RATE LIST- from August - 2017 (Payment will be accepted in the form of Demand Draft (DD) in favour of " The Director", CDFD, Hyderabad . Rates are inclusive of GST @ 18% levied by Govt of India).

| S. N | Equipment (with make/ model) | Services offered | Sample types | Sample concentration / volume | Cost (in Rupees plus 18% GST) | |
|-------------------|------------------------------------|--|--------------------------|-------------------------------|---------------------------------------|---------------------------------------|
| | | | | | Academia | Corporate |
| GENOMICS: | | | | | | |
| 1 | DNA Sequencers | Sequencing | DNA template and primer | PCR product: 50 ng/ul | ₹ 300 + ₹ 54 GST = ₹ 354 per reaction | ₹ 400 + ₹ 72 GST = ₹ 472 per reaction |
| | (ABI 3730 DNA ANALYZER) | | | Plasmid: 150-200 ng/ul | | |
| | | | | Primers: 5-10 pmol/ul | | |
| | | DNA Sequencing (Ready to Run) | | | ₹ 90 + ₹16 GST = ₹106 per run | ₹ 120 + ₹ 21GST = ₹ 141 per run |
| | ABI 3130 xl GA) | Genotyping | Processed samples | NA | ₹ 1,500 + ₹ 270= ₹ 1,770 per run | ₹ 2,000 + ₹ 360 = ₹ 2,360 per run |
| 2 | Real Time PCR (ABI 7500) | reaction) | Processed plate | NA | ₹ 600 + ₹ 108 = ₹ 708 per plate | ₹ 1,200 + ₹ 216 = ₹ 1416 per |
| | | RT-PCR (1-10 Reactions) | DNA template and primers | Standardized by PCR | ₹ 250 + ₹ 45 = ₹ 295 per reaction | ₹ 500 + ₹ 90 = ₹ 590 per reaction |
| | | Half plate | | | ₹ 10,000 + ₹ 1,800= ₹ 11,800 | ₹ 20,000 + ₹ 3,600 = ₹ 23,600 |
| | | Full plate | | | ₹ 16,000 + ₹ 2,880 = ₹ 18,880 | ₹ 30,000 + ₹ 5,400 = ₹ 35,400 |
| CELLOMICS: | | | | | | |
| 3 | Confocal Microscope | Fluorescence, Live cell imaging, time lapse and FRET, FRAP | Fixed slides OR | NA | ₹ 1,600 + ₹ 288 = ₹ 1,888 per hour | ₹ 3,000 + ₹ 540 = ₹ 3,540 per hour |
| | LSM 700 | | Chamber slides | | | |
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| 4 | Live Cell Imaging (NIKON ECLIPSE Ti Fluorescence Microscope) | Live cell imaging, time lapse | 0-3 hrs | | ₹ 800 + ₹ 144 = ₹ 944 per sample | ₹ 1,500 + ₹ 270 = ₹ 1,770 per | | | | | |
| | | | 3-8 hrs | | ₹ 1,300 + ₹ 234 = ₹ 1,534 per sample | ₹ 2,500 + ₹ 450 = ₹ 2,950 per sample | | | | | |
| | | | 8-18 hrs | | ₹ 2,500 + ₹ 450 = ₹ 2,950 per sample | ₹ 3,250 + ₹ 585 = ₹ 3835 per | | | | | |
| | | | >18 hrs | | ₹ 130 + ₹ 23 = ₹ 153 per hour | ₹ 190 + ₹ 34 = ₹ 224 per hour | | | | | |
| 5 | FACS ARIA (Becton Dickinson) | Fluorescence, cell cycle | 1-5 samples | Fluorochrome labeled cells | NA | ₹ 700 + ₹ 126 = ₹ 826 per sample | ₹ 1,200 + ₹ 216 = ₹ 1,416 per sample | | | | |
| | | | | | | 6-10 samples | ₹ 500 + ₹ 90 = ₹ 590 per sample | ₹ 1,000 + ₹ 180 = ₹ 1,180 per sample | | | |
| | | | | | | 11-15 samples | ₹ 350 + ₹ 63 = ₹ 413 per sample | ₹ 600 + ₹ 108 = ₹ 708 per sample | | | |
| | | | | | | 16 and Above | ₹ 160 + ₹ 29 = ₹ 189 per sample | ₹ 300 + ₹ 54 = ₹ 354 per sample | | | |
| | | | | | | | | | | | |
| 6 | FACS CELLSORTING | | | | ₹ 1,300 + ₹ 234 = ₹ 1,534 per sample | ₹ 2,500 + ₹ 450 = ₹ 2,950 per sample | | | | | |
| PROTEOMICS: | | | | | | | | | | | |
| 7 | CD Spectropolarimeter (Jasco J-810) | Structure analysis | Protein sample | 1 mg/ml~200-300 ul | ₹ 600 + ₹ 108 = ₹ 708 per hour | ₹ 1,200 + ₹ 216 = ₹ 1,416 per hour | | | | | |
| 8 | MALDI-TOF/ TOF MS Daltonics ULTRAFLEX III (Bruker) | Molecular weight analysis | Proteins in solution | 1-2 mg/ul~5ul | ₹ 900 + ₹ 162 = 1,062 per sample | ₹ 1,500 + ₹ 270 = 1,770 per sample | | | | | |
| | | | | | | | Peptide Mass Fingerprint (PMF) and sequencing of at least 3 peptides | Pure proteins in solution/ 1D or 2D gel plug | 1-2 mg/ul~5ul | ₹ 1,650 + ₹ 297 = ₹ 1,947 per sample | ₹ 3,000 + ₹ 540 = ₹ 3,540 per sample |
| | | | | | | | | | | | |
| | | Data analysis | Spectra | NA | ₹ 800 + 144 = ₹ 944 per sample | ₹ 1,500 + ₹ 270 = ₹ 1,770 per sample | | | | | |
| | | MSMS | | | ₹ 2,500 + ₹ 450 = ₹ 2,950 per sample | ₹ 4,500 + ₹ 810 = ₹ 5,310 per sample | | | | | |
| | | Only Trypsin Digestion | | | ₹ 900 + ₹ 162 = ₹ 1,062 per sample | ₹ 1500 + ₹ 270 = 1,770 per sample | | | | | |
| | | | | | | | | | | | |
| | Two Dimensional Electrophoresis (2D) | 7 CM | Protein samples | 100 - 500 ug/gel | ₹ 1,300 + ₹ 234 = ₹ 1,534 per sample | ₹ 2,000 + ₹ 360 = ₹ 2,360 per sample | | | | | |

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| 9 | (BIORAD) | 17 CM | Protein samples | 101 - 500 ug/gel | ₹ 2,000 + ₹ 360 = ₹ 2,360 per sample | ₹ 3,000 + ₹ 540 = ₹ 3,540 per sample |
| | | DIGE | Protein samples | 102 - 500 ug/gel | ₹ 8,000 + ₹ 1,440 = ₹ 9,440 per sample | ₹ 15,000 + ₹ 2,700 = ₹ 17,700 per sample |
| | | Image Analysis | Protein samples | | ₹1,600 + ₹ 288 = ₹ 1,888 per sample | ₹ 3,000 + ₹ 540 = ₹ 3,540 per sample |
| 10 | Only IEF(Iso Electro Focusing) | | | ~ 500 ug | ₹1,000 + ₹ 180 = 1,180 per sample | ₹ 2,000 + ₹ 360 = ₹ 2,360 per sample |
| 11 | High Pressure Liquid Chromatography (HPLC) | Amino acid analysis | Protein, spent media, body fluids | ~300 ul | ₹ 800 + ₹ 144 = ₹ 944 per run | ₹ 1,200 + ₹ 216 = 1,416 per run |
| | (Shimadzu 2016) | Size exclusion | Protein samples | 1 mg/ml ~100 ul | ₹150 + ₹ 27 = ₹ 177 per run | ₹ 300 + ₹ 54 = ₹ 354 per run |
| | | Reverse phase separation and purification | Proteins, peptides, small molecules etc. | 0.2 mg/ul | ₹ 180 + ₹ 32 = ₹ 212 per run | ₹ 400 + ₹ 72 = ₹ 472 per run |
| | | HPLC SAX(ION exchange) | | | ₹ 400 + ₹ 72 = ₹ 472 per run | ₹ 800 + ₹ 144 = ₹ 944 per run |
| | | HPLC-SCX(Strong cationic exchange) | | | ₹ 600 + ₹ 108 = ₹ 708 per run | ₹ 1,000 + ₹180 = ₹ 1,180 per run |
| | | HPLC-HILIC | | | ₹ 700+ ₹126 = ₹ 826 per run | ₹ 1,400 + ₹ 252 = ₹ 1,652 |
| 12 | Gas Chromatography-Mass Spectroscopy (GC-MS) | GCMS (Separation) | Processed sample | | ₹ 200 + ₹ 36 = ₹ 236 per run | ₹ 400 + ₹ 72 = ₹ 472 per run |
| | (Shimadzu 2010) | GCMS Amino Acid analysis | Protein sample | | ₹ 650 + ₹ 117 = ₹ 767 per run | ₹ 1,300 + ₹ 234 = ₹ 1,534 per run |
| | | GCMS Carbohydrate | Extracted Sample | | ₹ 800 + ₹ 144 = ₹ 944 per run | ₹ 1,500 + ₹ 270 = ₹ 1,770 per run |
| | | GCMS Fatty acid | Extracted sample | | ₹ 2,500 + ₹ 450 = ₹ 2,950 per run | ₹ 4,500 + ₹ 810 = ₹ 5,310 per run |
| | | GCMS Organic acid | Extracted sample | 100nmols | ₹ 800 + ₹ 144 GST = ₹ 944 per run | ₹1,500/per run + ₹ 270 GST = ₹1,770 |
| * - Director, CDFD reserves the rights to process or reject requests for processing the samples. | | | | | | |