

**List of Chemicals for 2016-17**

**Aneexure-A**

| <b>S.No.</b> | <b>Chemicals Name</b>                       |  |  |
|--------------|---|--|--|
| 1            | 1 -naphthyl acetate                         |  |  |
| 2            | 1,4 Dioxane                                 |  |  |
| 3            | 100 bp ladder marker upto 5Kba              |  |  |
| 4            | 100bp DNA Ladder                            |  |  |
| 5            | 100bp Ladder, 1kb ladder                    |  |  |
| 6            | 100g o-Phenylenediamine                     |  |  |
| 7            | 10x TBS Buffer                              |  |  |
| 8            | 10x TE                                      |  |  |
| 9            | 1kb DNA Ladder                              |  |  |
| 10           | 20 bp DNA Ladder                            |  |  |
| 11           | 20 bp ladder marker                         |  |  |
| 12           | 2-Mercaptoethanol                           |  |  |
| 13           | 2-Naphthyl acetate                          |  |  |
| 14           | 3100 Pop-6 EA                               |  |  |
| 15           | 3730 buffer 10X with EDTA, 500 ml           |  |  |
| 16           | 50bp DNA Ladder                             |  |  |
| 17           | 6X DNA loading dye                          |  |  |
| 18           | 6X Loading buffer                           |  |  |
| 19           | 6X Loading buffer & dye                     |  |  |
| 20           | 6X Loading buffer, 15% Ficoll               |  |  |
| 21           | Acd3 purified 145-2C11                      |  |  |
| 22           | Acetone 500ml EMPLURA MERCK                 |  |  |
| 23           | Afl III                                     |  |  |
| 24           | AFI-III-1000unit                            |  |  |
| 25           | Agarose                                     |  |  |
| 26           | Agarose Low EEO 100g                        |  |  |
| 27           | Agarose,1KG                                 |  |  |
| 28           | Albumin                                     |  |  |
| 29           | Alkaline Phosphatase                        |  |  |
| 30           | Amber centrifuge tube conical bottom (15ml) |  |  |
| 31           | Amber centrifuge tube conical bottom (50ml) |  |  |
| 32           | Ammonium-bt Carbonate                       |  |  |
| 33           | ANTI GADPH                                  |  |  |
| 34           | Anti Human cd3 zeta chain                   |  |  |
| 35           | Anti- IL-17 purified antibody               |  |  |
| 36           | ANTI JAGGERED                               |  |  |
| 37           | Anti mouse HR                               |  |  |
| 38           | Anti mousecd3 zeta chain                    |  |  |
| 39           | ANTI NOTCH                                  |  |  |

|    |  |  |  |
|----|--|--|--|
| 40 | Anti-CD3   |  |  |
| 41 | Apo I  |  |  |
| 42 | Auto Bilirubin (T&D)   |  |  |
| 43 | Barbitone buffer   |  |  |
| 44 | BD Falcon 50 ml Conical Tube Sterile,<br>Nonpyrogenic with Screw Cap |  |  |
| 45 | BD round POLYSTYRENE TEST TUBE<br>12X75MM, 5ML,                      |  |  |
| 46 | BDT sequencing, v3.1 cycle, 100 reactions                            |  |  |
| 47 | Big Dye terminator   |  |  |
| 48 | Bis-Acrylamide   |  |  |
| 49 | B-Naphthyl acetate   |  |  |
| 50 | Boric acid   |  |  |
| 51 | Boric acid molecular grade   |  |  |
| 52 | Bradford reagent   |  |  |
| 53 | Brij-23  |  |  |
| 54 | Bromophenol blue   |  |  |
| 55 | BSA (Bovine Serum Albumin)   |  |  |
| 56 | BSA Bovine Serum albumin   |  |  |
| 57 | BseJI (BsaBI)  |  |  |
| 58 | BseJI (BsaBI) 2000units  |  |  |
| 59 | Bsl I  |  |  |
| 60 | Bsr I  |  |  |
| 61 | BstNI  |  |  |
| 62 | Cac8I  |  |  |
| 63 | Calcium chloride   |  |  |
| 64 | Calcium Green Dye  |  |  |
| 65 | Capillary array, 96x50cm each  |  |  |
| 66 | Casein   |  |  |
| 67 | Casein 100g  |  |  |
| 68 | CCR7 BV4214B12   |  |  |
| 69 | CD11aFITC M17/4  |  |  |
| 70 | CD11bfitc M1/70  |  |  |
| 71 | CD-19FITC 1D3  |  |  |
| 72 | CD25PE pc61  |  |  |
| 73 | CD28   |  |  |
| 74 | CD28 human   |  |  |
| 75 | CD29PE HM $\beta$ 1-1  |  |  |
| 76 | CD3 human  |  |  |
| 77 | CD34APC RAM34  |  |  |
| 78 | CD49dPE R1-2   |  |  |
| 79 | CD81PE C15.6   |  |  |
| 80 | CD8aFITC 11B11   |  |  |
| 81 | CD9BIOTIN 53-6.7   |  |  |
| 82 | cDNA synthesis Kit   |  |  |

|     |  |  |  |
|-----|--|--|--|
| 83  | Cell Culture Plates Sterile Tissue Culture Treated Polystyrene, 12-well,flat-bottom with lid |  |  |
| 84  | Chaps-   |  |  |
| 85  | Charchol activated   |  |  |
| 86  | Charge Lighter Gas for burner  |  |  |
| 87  | Chemisol   |  |  |
| 88  | Chloramphenicol  |  |  |
| 89  | Chloramphenicol-500gm  |  |  |
| 90  | Chloroamphenicol   |  |  |
| 91  | Chloroform   |  |  |
| 92  | Chloroform MB Grade  |  |  |
| 93  | Chloroform molecular grade   |  |  |
| 94  | Chloroquine diphosphate- salt  |  |  |
| 95  | Cholestrol   |  |  |
| 96  | Chymotrypsin   |  |  |
| 97  | CLONED AMV RT 750U TRANSCRIPTASE   |  |  |
| 98  | Cocaltchoride  |  |  |
| 99  | Coenzyme A   |  |  |
| 100 | Colloidal stain  |  |  |
| 101 | Color Change 0° Labtop Cooler for 0.2 ml   |  |  |
| 102 | Commaric Brilliant blue  |  |  |
| 103 | Conjugated Control IgG   |  |  |
| 104 | Control IgG  |  |  |
| 105 | Coomassie Blue   |  |  |
| 106 | Coper sulphate   |  |  |
| 107 | Creatinine   |  |  |
| 108 | Cryo box rack  |  |  |
| 109 | Crystl Violet  |  |  |
| 110 | culture flask  |  |  |
| 111 | Custom Antibody Services   |  |  |
| 112 | Cyclohexane  |  |  |
| 113 | Cytochrome C   |  |  |
| 114 | DAPT   |  |  |
| 115 | Dde I  |  |  |
| 116 | ddNTPs-DNA Sequencing Chemical (Sanager based)   |  |  |
| 117 | Dehydrin Antibody  |  |  |
| 118 | Delta methrin  |  |  |
| 119 | DEPC   |  |  |
| 120 | DEPC treated water   |  |  |
| 121 | DEPC water   |  |  |
| 122 | Dessicant  |  |  |
| 123 | Dialysis membrane  |  |  |
| 124 | Diethyl ether  |  |  |

|     |  |  |  |
|-----|--|--|--|
| 125 | Diethyl Ether 500ml                    |  |  |
| 126 | Diethyl pyrocarbonate                  |  |  |
| 127 | Diethylamine (CDH)                     |  |  |
| 128 | Disodium hydrogen Ortho phosphate      |  |  |
| 129 | Disodium hydrogen phosphate dehydrate, |  |  |
| 130 | Disodium sodium hydrogen phosphate     |  |  |
| 131 | Dithiobis 2-nitrobenzoic acid          |  |  |
| 132 | DMSO (dimethylsulphoxide)              |  |  |
| 133 | DNA ladder                             |  |  |
| 134 | DNA ladder-20bp,50bp,100bp,1kb         |  |  |
| 135 | DNA Polymerase                         |  |  |
| 136 | DNA stabilizer                         |  |  |
| 137 | DNAase                                 |  |  |
| 138 | DNase-Free RNase                       |  |  |
| 139 | DNaseI                                 |  |  |
| 140 | DNAZOL REAGENT                         |  |  |
| 141 | Dneasy to remove DNA contaminants      |  |  |
| 142 | DNTP mix                               |  |  |
| 143 | dNTP mix 2.5 mM each                   |  |  |
| 144 | dNTP mix, 10mM (2.5mM each) 4x200µl    |  |  |
| 145 | dNTP Mix-10 mM (2.5 mM each), 1000 µl  |  |  |
| 146 | dNTP mixture                           |  |  |
| 147 | DNTPs                                  |  |  |
| 148 | DNTPs Mix(2.5mM each)                  |  |  |
| 149 | DNTPs Mix(2.5mM each)                  |  |  |
| 150 | Dopamine                               |  |  |
| 151 | DPEC                                   |  |  |
| 152 | DPIP                                   |  |  |
| 153 | Dpn II                                 |  |  |
| 154 | DPX mountant for microscopy            |  |  |
| 155 | Dra I                                  |  |  |
| 156 | Drabkin reagents                       |  |  |
| 157 | Dream taq                              |  |  |
| 158 | Dream Taq Master Mix (genetix)         |  |  |
| 159 | DTT (Dithiothreitol)                   |  |  |
| 160 | DTT (Di-thiothrietol)                  |  |  |
| 161 | Eco RV                                 |  |  |
| 162 | Eco31I (Bsal)                          |  |  |
| 163 | Eco88I (AvaI)                          |  |  |
| 164 | Eco88I (AvaI) 1000units                |  |  |
| 165 | EDTA                                   |  |  |
| 166 | EDTA (Ethylenediaminetetracetate)      |  |  |
| 167 | EDTA 500g                              |  |  |
| 168 | EDTA molecular grade                   |  |  |

|     |   |  |  |
|-----|---|--|--|
| 169 | EDTA vacutainer                                       |  |  |
| 170 | EDTA, Free Acid                                       |  |  |
| 171 | EmeraldAmp Max PCR Master Mix                         |  |  |
| 172 | Eosin yellow  |  |  |
| 173 | Eosin Yellowish stain - for microscopy                |  |  |
| 174 | Eosine Yellowish Merck                                |  |  |
| 175 | Epoxomicin  |  |  |
| 176 | ETBR-Ready to use                                     |  |  |
| 177 | Ethanol   |  |  |
| 178 | Ethanol 500ml   |  |  |
| 179 | ETHANOL ANHYDROUS                                     |  |  |
| 180 | Ethanol molecular grade                               |  |  |
| 181 | Ether   |  |  |
| 182 | Ether 500ml   |  |  |
| 183 | Ethidium bromide                                      |  |  |
| 184 | Ethidium bromide molecular grade                      |  |  |
| 185 | Ethyl alcohol   |  |  |
| 186 | Ethyl ether   |  |  |
| 187 | Ethylene glycol (EGTA)                                |  |  |
| 188 | Exonuclease   |  |  |
| 189 | Exonuclease I E.coli -4000units                       |  |  |
| 190 | Exonuclease-1   |  |  |
| 191 | ExoSAP-IT® For PCR-Product Clean-Up - 200 ul          |  |  |
| 192 | Expansin Antibody                                     |  |  |
| 193 | FAST AP   |  |  |
| 194 | Fast blue B salt                                      |  |  |
| 195 | Fast-Media® Amp XGal                                  |  |  |
| 196 | FCS   |  |  |
| 197 | Fetal Bovine Serum (FBS)                              |  |  |
| 198 | FicollImmunohistochemistry: UltraCruz Mounting Medium |  |  |
| 199 | FITC labeled Anti Rabbit secondary IgG antibody       |  |  |
| 200 | FITC tagged antibodies                                |  |  |
| 201 | Fok I   |  |  |
| 202 | Folic acid  |  |  |
| 203 | Forceps   |  |  |
| 204 | Formaldehyde  |  |  |
| 205 | Formaldehyde Soln. 500ml                              |  |  |
| 206 | Formic acid   |  |  |
| 207 | FoxP3 PE MF-23  |  |  |
| 208 | G6PD diagnosis kit                                    |  |  |
| 209 | Gamma secretase DAPT                                  |  |  |
| 210 | Geimsa stain  |  |  |

|     |   |  |  |
|-----|---|--|--|
| 211 | Gene ruler 100 bp DNA ladder                                      |  |  |
| 212 | GeneComp™ 101 Competent Cells<br>Strain: DH5α, >1x10 <sup>8</sup> |  |  |
| 213 | GeneRuler™ 50 bp DNA Ladder ready-to-use 50μg                     |  |  |
| 214 | GeneRuler™ 50 bp DNA Ladder 50μg                                  |  |  |
| 215 | Genomic DNA isolation Kit (from filter paper)                     |  |  |
| 216 | Gentamicin antibiotic solution                                    |  |  |
| 217 | Gentamycin  |  |  |
| 218 | Giemsa's Stain Sol 125ml MERCK                                    |  |  |
| 219 | Glacial Acetic acid   |  |  |
| 220 | Glacial Acetic Acid 500ml   |  |  |
| 221 | Glucose   |  |  |
| 222 | Glucose 6 phosphate   |  |  |
| 223 | Glutathione   |  |  |
| 224 | Glutathione oxidised (GSSG)                                       |  |  |
| 225 | Glutathione oxidized  |  |  |
| 226 | Glutathione reduced   |  |  |
| 227 | Glycerol  |  |  |
| 228 | Glycerol (AR Grade)   |  |  |
| 229 | Glycerol Anhydrous 2.5 Ltr Emplura                                |  |  |
| 230 | Glycine   |  |  |
| 231 | Glycogen  |  |  |
| 232 | Golgi Stop  |  |  |
| 233 | Good view dye   |  |  |
| 234 | GR-1PE 1A8  |  |  |
| 235 | green taq PCR master mix  |  |  |
| 236 | GTP   |  |  |
| 237 | Guanidine Hydrochloride   |  |  |
| 238 | H <sub>2</sub> O <sub>2</sub> (Hydrogen Peroxide)                 |  |  |
| 239 | HaellI  |  |  |
| 240 | Hcl   |  |  |
| 241 | HDL cholestrol  |  |  |
| 242 | Hema 3 System (includes Fixative and Solutions I and II)          |  |  |
| 243 | HEPES 100ML   |  |  |
| 244 | HEPES buffer  |  |  |
| 245 | HEPES free acid   |  |  |
| 246 | HES-1   |  |  |
| 247 | Hi-Di Formamide Bottle -25ml                                      |  |  |
| 248 | High mol. Wght marker   |  |  |
| 249 | Hydrochloric acid   |  |  |
| 250 | Hydrochloric Acid   |  |  |
| 251 | Hydrochloric acid molecular grade                                 |  |  |

|     |   |  |  |
|-----|---|--|--|
| 252 | HYDROCHLORIC ACID,500ML"                            |  |  |
| 253 | Hyoxanthine   |  |  |
| 254 | IFN-g APC   |  |  |
| 255 | IL-12FITC TC11-18H10                                |  |  |
| 256 | IL-17PE   |  |  |
| 257 | IL-4PURIFIED  |  |  |
| 258 | IL-6  |  |  |
| 259 | IL-9PURIFIED D8402E8                                |  |  |
| 260 | Imidazole   |  |  |
| 261 | Immersion Oil                                       |  |  |
| 262 | IMMERSION OIL(Microscopy Grade)                     |  |  |
| 263 | Immidazole  |  |  |
| 264 | Indicator tape for steam autoclave                  |  |  |
| 265 | Insuline sringes                                    |  |  |
| 266 | Iodoacetamide (IAA)                                 |  |  |
| 267 | Ion exchange resins                                 |  |  |
| 268 | IPG strips  |  |  |
| 269 | IPTG (Isopropyl $\beta$ -D-1-thiogalactopyranoside) |  |  |
| 270 | Iso octane (HPLC gr)                                |  |  |
| 271 | Isoamyle alcohol                                    |  |  |
| 272 | Isopropanol   |  |  |
| 273 | Isopropyl alcohol                                   |  |  |
| 274 | Isopropyl alcohol (HPLC gr)                         |  |  |
| 275 | Isopropyl thiogalacto pyranoside                    |  |  |
| 276 | J.S.B.- STAIN SOLUTION No.-1                        |  |  |
| 277 | J.S.B.- STAIN SOLUTION No.-2                        |  |  |
| 278 | K2HPo4  |  |  |
| 279 | Kanamycin   |  |  |
| 280 | Kappa Hi-fi Hot start readymix                      |  |  |
| 281 | Kappa HiFi Hotstart Ready Mix-500rxn                |  |  |
| 282 | Kcl   |  |  |
| 283 | KH2Po4  |  |  |
| 284 | KMC8  |  |  |
| 285 | KOD plus  |  |  |
| 286 | L- arginine   |  |  |
| 287 | L GLUTAMINE 100X 100ML                              |  |  |
| 288 | L-arginine  |  |  |
| 289 | LB AGAR   |  |  |
| 290 | LB agar   |  |  |
| 291 | LB media  |  |  |
| 292 | L-Canavaline  |  |  |
| 293 | L-Citrulin  |  |  |
| 294 | L-GLUTATHIONE REDUCED                               |  |  |
| 295 | LightCycler480 Probes Master                        |  |  |

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|-----|--|--|--|
| 296 | L-NAME   |  |  |
| 297 | LongAmp Taq DNA Polymerase - 500 units                                       |  |  |
| 298 | Low molecular weig. marker   |  |  |
| 299 | LPS  |  |  |
| 300 | LS COLUMN  |  |  |
| 301 | Lysozyme   |  |  |
| 302 | Lysozyme molecular grade   |  |  |
| 303 | M-30 D Diluent 20 Ltr  |  |  |
| 304 | M-30 E-Z Cleanser 100ml X 1  |  |  |
| 305 | M-30 P Probe Cleanser 17ml X 1   |  |  |
| 306 | M-30 R-Rinse 20 Ltr  |  |  |
| 307 | magnaetic BEADS CD11c  |  |  |
| 308 | magnaetic CD 4   |  |  |
| 309 | magnaetic CD 8a  |  |  |
| 310 | Magnesium chloride   |  |  |
| 311 | Maxima™ Hot Start PCR Master Mix   |  |  |
| 312 | Mboll  |  |  |
| 313 | Metaphor Agarose (DNase/RNase free)<br>for small fragment separation (<10bp) |  |  |
| 314 | Methanol   |  |  |
| 315 | Methanol (HPLC grade)  |  |  |
| 316 | Methanol 500ml   |  |  |
| 317 | Methnaol   |  |  |
| 318 | Methylene Blue   |  |  |
| 319 | Methylene Blue Powder MERCK  |  |  |
| 320 | Methylene blue stain - for microscopy  |  |  |
| 321 | Methyline blue   |  |  |
| 322 | Mgcl2  |  |  |
| 323 | micro tips 200ul   |  |  |
| 324 | micro tips 2ul   |  |  |
| 325 | MicroAmp Fast Reaction cap (8cap/strip)                                      |  |  |
| 326 | MicroAmp Fast Reaction tubes<br>(8tubes/strip)                               |  |  |
| 327 | MicroAmp Optical Adhesive film   |  |  |
| 328 | Microcrystalline cellulose   |  |  |
| 329 | Microtube Tough Spots 3/8" diameter  |  |  |
| 330 | Mineral Oil  |  |  |
| 331 | MluC I   |  |  |
| 332 | Mnl I  |  |  |
| 333 | Molecular Biology Grade Water  |  |  |
| 334 | Mono Dansyl Cadavarin  |  |  |
| 335 | Mouse CD-27 V450 LG.3A10   |  |  |
| 336 | Mouse IL-10 PE JES5-16E3 Mouse   |  |  |
| 337 | Murine IFN-gamma   |  |  |



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|-----|---|--|--|
| 338 | Mwo I   |  |  |
| 339 | Na <sub>2</sub> HPO <sub>4</sub>                              |  |  |
| 340 | Nacl  |  |  |
| 341 | NaCl molecular grade,   |  |  |
| 342 | NADP  |  |  |
| 343 | NEB 5-alpha F Iq Competent E.coli(High Efficiency) - 6x0.2 ml |  |  |
| 344 | NGS/Metagenomic/ Bioinformatic Service                        |  |  |
| 345 | Ni-NTA agarose beads  |  |  |
| 346 | Nitric acid   |  |  |
| 347 | Nitric Oxide Inhibitor : 1,3-PBITU, Dihydrobromide            |  |  |
| 348 | Nitroblue tetrazolium chloride                                |  |  |
| 349 | Nitrocellulose Membrane                                       |  |  |
| 350 | NOR NOHA  |  |  |
| 351 | Nuclease free water   |  |  |
| 352 | NUCLEASE-FREE WATER 1 LITER                                   |  |  |
| 353 | Octopamine  |  |  |
| 354 | O-DIANISIDINE   |  |  |
| 355 | Oligo (Primer)  |  |  |
| 356 | O-Phenylenediamine  |  |  |
| 357 | Optisafe gel hand gel   |  |  |
| 358 | Oregon Green AM   |  |  |
| 359 | Ortho phosphoric acid   |  |  |
| 360 | Para Nitrophenyl acetate Acetonitrile                         |  |  |
| 361 | Parafilm  |  |  |
| 362 | PBS 12X1L   |  |  |
| 363 | PBS with Tween (PBS-T)  |  |  |
| 364 | PCR marker mixture  |  |  |
| 365 | PCR purification kit  |  |  |
| 366 | Pecoll  |  |  |
| 367 | PENICILLIN STREPTOMYCIN SOL 100ML                             |  |  |
| 368 | PEPES   |  |  |
| 369 | Percoll   |  |  |
| 370 | Permethrin standard   |  |  |
| 371 | pH strip  |  |  |
| 372 | Phenazonium Methosulphate                                     |  |  |
| 373 | Phenol  |  |  |
| 374 | Phosphate-Buffer Saline (PBS)                                 |  |  |
| 375 | Phosphoric acid   |  |  |
| 376 | Phusion Hi-Fidelity taq polymerase                            |  |  |
| 377 | PMS   |  |  |
| 378 | PMSF  |  |  |
| 379 | p-Naphthyl acetate  |  |  |

|     |   |  |  |
|-----|---|--|--|
| 380 | Poneau Dye  |  |  |
| 381 | POP7 Polymer for 3730XL DNA analyzer              |  |  |
| 382 | Potacium dichromate                               |  |  |
| 383 | Potassium acetate                                 |  |  |
| 384 | Potassium chloride                                |  |  |
| 385 | Potassium nitrite                                 |  |  |
| 386 | Potassium acid phosphate                          |  |  |
| 387 | Potassium dichromate EMPLURA                      |  |  |
| 388 | Potassium Dicromate                               |  |  |
| 389 | Potassium phosphate, monobasic 500g               |  |  |
| 390 | Pottasium Dichromate                              |  |  |
| 391 | Pottasium phosphate                               |  |  |
| 392 | Powder free Nitrile Gloves (Small, Medium, Large) |  |  |
| 393 | Pre-mixed green dye PCR Master Mix ,2X, 1000rxn   |  |  |
| 394 | Primer  |  |  |
| 395 | Primer 5000bp                                     |  |  |
| 396 | Propanol-2 MB Grade                               |  |  |
| 397 | Propionic acid 250ml                              |  |  |
| 398 | Propoxur Pestanal (2-isopropoxy-phenyl)           |  |  |
| 399 | Propoxur, Acetylthiocholine iodide                |  |  |
| 400 | Propyl alcohol (AR, HPLC)                         |  |  |
| 401 | Protease Inhibitor cocktail                       |  |  |
| 402 | Protease inhibitor cocktail tablet                |  |  |
| 403 | Protease inhibitors set                           |  |  |
| 404 | Protein Estimation Kit                            |  |  |
| 405 | Protein Marker (Colored)                          |  |  |
| 406 | Protein Molecular weight markers                  |  |  |
| 407 | Proteinase K                                      |  |  |
| 408 | Proteomics (iTRAQ, LC-MS, MALDI) services         |  |  |
| 409 | Pst 1 3000 units                                  |  |  |
| 410 | PVDF membrane                                     |  |  |
| 411 | PVDF membranes                                    |  |  |
| 412 | Rapamycin   |  |  |
| 413 | Rapigest  |  |  |
| 414 | Real-time PCR master mix (SYBR)-200 x 50 ul       |  |  |
| 415 | recombinant proteins FGF                          |  |  |
| 416 | recombinant proteins GMCSF                        |  |  |
| 417 | recombinant proteins IFNg                         |  |  |
| 418 | recombinant proteins IL-10                        |  |  |
| 419 | recombinant proteins IL-12p40                     |  |  |
| 420 | recombinant proteins IL-1beta                     |  |  |

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| 421 | recombinant proteins IL-21   |  |  |
| 422 | recombinant proteins IL-4  |  |  |
| 423 | Restriction enzyme   |  |  |
| 424 | Restriction Enzyme Alu I, Pst I, Sal I   |  |  |
| 425 | Reverse Transcriptase  |  |  |
| 426 | Ribolock   |  |  |
| 427 | Ribozol RNA extraction reagent   |  |  |
| 428 | RNA purification kit   |  |  |
| 429 | RNAlater   |  |  |
| 430 | RNAse Inhibitor  |  |  |
| 431 | RNAse-Free DNase   |  |  |
| 432 | RPMI 1640 1X10L  |  |  |
| 433 | RPMI 1640 with HEPES,L-glutamine   |  |  |
| 434 | RPMI-1640 culture media with L-glutamine and 25mM HEPES , without Sodium bicarbonate |  |  |
| 435 | rSAP   |  |  |
| 436 | Safeskin Purple Nitrile gloves-9.5 inch Length (Small)                               |  |  |
| 437 | Saponin  |  |  |
| 438 | Sca-1FITC D7   |  |  |
| 439 | SDS  |  |  |
| 440 | Sephadex G-75  |  |  |
| 441 | Serological pipettee   |  |  |
| 442 | Serotonin  |  |  |
| 443 | SGOT   |  |  |
| 444 | SGPT   |  |  |
| 445 | SHEATH FLUID   |  |  |
| 446 | SHEATH FLUID   |  |  |
| 447 | Shirp alkaline phosphatase   |  |  |
| 448 | Shrimp Alkaline Phosphatase, Recombnant (rSAP) -1000Units (1U/ul)                    |  |  |
| 449 | Skimmed Milk   |  |  |
| 450 | Skimmed milk   |  |  |
| 451 | Slide box  |  |  |
| 452 | Slide staining kit   |  |  |
| 453 | Sodium acetate   |  |  |
| 454 | Sodium Acetate   |  |  |
| 455 | Sodium azide-100gm   |  |  |
| 456 | Sodium Bicarbonate   |  |  |
| 457 | Sodium carbonate   |  |  |
| 458 | Sodium chloride  |  |  |
| 459 | Sodium dihydrogen phosphate  |  |  |
| 460 | Sodium dithionate  |  |  |
| 461 | Sodium Dodecyl Sulphate  |  |  |

|     |   |  |  |
|-----|---|--|--|
| 462 | Sodium hydrogen carbonate                                 |  |  |
| 463 | Sodium hydroxide  |  |  |
| 464 | Sodium hydroxide molecular grade                          |  |  |
| 465 | Sodium Hypochlorite                                       |  |  |
| 466 | Sodium Hypochlorite EMPLURA                               |  |  |
| 467 | Sodium Hypochlorite LR                                    |  |  |
| 468 | Sodium metavanadate                                       |  |  |
| 469 | Sodium nitrite  |  |  |
| 470 | Sodium Phosphate (dibasic)                                |  |  |
| 471 | Sodium Phosphate (monobasic)                              |  |  |
| 472 | Sodium phosphate, dibasic,<br>anhydrous500g               |  |  |
| 473 | Sodium potassium tartarate                                |  |  |
| 474 | Sodium Succinate  |  |  |
| 475 | Sorbitol  |  |  |
| 476 | Spilfyter labsoakers                                      |  |  |
| 477 | Sringe filter 0.45um                                      |  |  |
| 478 | Sringes 10ml  |  |  |
| 479 | Sringes 1ml   |  |  |
| 480 | Sringes 50ml  |  |  |
| 481 | Ssil (Acil)   |  |  |
| 482 | Ssil (Acil) 200units                                      |  |  |
| 483 | Stat 3 inhibitor  |  |  |
| 484 | StepUp 100bp DNA ladder, 100loads,<br>50µg                |  |  |
| 485 | Sterile H2O   |  |  |
| 486 | Sterile PBS   |  |  |
| 487 | Sterile TE  |  |  |
| 488 | Streptavidin-PhycoerythrinFITC Eat2<br>KMC8               |  |  |
| 489 | Streptomycin  |  |  |
| 490 | Streptomycin sulphate                                     |  |  |
| 491 | Sucrose   |  |  |
| 492 | Sulpho salicylic acid                                     |  |  |
| 493 | Sulphuric acid  |  |  |
| 494 | Sulphuric Acid (commercial)                               |  |  |
| 495 | Syber green master mix                                    |  |  |
| 496 | SYBR Green Master Mix(roche)                              |  |  |
| 497 | Tag Man Probes/primer                                     |  |  |
| 498 | Taq DNA polymerase  |  |  |
| 499 | Taq DNA polymerase Pfu(for large<br>fragment)             |  |  |
| 500 | Taq DNA polymerase with standard Taq<br>buffer-2000 units |  |  |
| 501 | Taq DNAPolymerase (3U/µl) 1000U                           |  |  |

|     |   |  |  |
|-----|---|--|--|
| 502 | Taq I                                       |  |  |
| 503 | TCA   |  |  |
| 504 | TCRabAPC H57-597                            |  |  |
| 505 | TEMED                                       |  |  |
| 506 | TEMED<br>(Tetramethylethylenediamine)       |  |  |
| 507 | Terific Broth                               |  |  |
| 508 | Tetra acetic acid                           |  |  |
| 509 | Tetracycline,50mg/ml,20ml                   |  |  |
| 510 | TETRAMETHYLBENZIDINE                        |  |  |
| 511 | TGF-beta 1                                  |  |  |
| 512 | Top Taq Master Mix Kit                      |  |  |
| 513 | Toptaq DNA polymerase                       |  |  |
| 514 | Torin 2                                     |  |  |
| 515 | Total Protein                               |  |  |
| 516 | Tough spots                                 |  |  |
| 517 | Triglycerides                               |  |  |
| 518 | Tris  |  |  |
| 519 | Tris (hydroxymethyl) aminomethane           |  |  |
| 520 | Tris 500g                                   |  |  |
| 521 | Tris Base                                   |  |  |
| 522 | Tris(Hydroxymethyl)Aminomethane             |  |  |
| 523 | Tris-HCL molecular Grade (Dnase/RNase free) |  |  |
| 524 | Triton X 100                                |  |  |
| 525 | Trizol                                      |  |  |
| 526 | Trypan Blue                                 |  |  |
| 527 | Trypsin proteomic grade                     |  |  |
| 528 | Tween 20                                    |  |  |
| 529 | Tyramine                                    |  |  |
| 530 | Universal Methylated DNA Strand             |  |  |
| 531 | Urea  |  |  |
| 532 | Uric Acid                                   |  |  |
| 533 | VIRAL RNA isolation Kit                     |  |  |
| 534 | Viral RT-PCR Kit                            |  |  |
| 535 | Vsp I                                       |  |  |
| 536 | Water HPLAC grade                           |  |  |
| 537 | Water HPLC grade DNase/RNase free           |  |  |
| 538 | Xmn I                                       |  |  |
| 539 | Xylene (GR Grade)                           |  |  |
| 540 | Xylene Gr 2.5 Ltr                           |  |  |
| 541 | B-Mercaptoethanol                           |  |  |

| S.No. | Consumables Name                              |  |  |
|-------|---|--|--|
| 1     | Cryo Tags (30X19)                             |  |  |
| 2     | Cryo Tags (32.5X12.7)                         |  |  |
| 3     | Forceps                                       |  |  |
| 4     | Freezing cardboard cryobox                    |  |  |
| 5     | Hand on™ Nitrile Examination Gloves           |  |  |
| 6     | Hb microcuvatte                               |  |  |
| 7     | Indicator Bacillus strips for steam autoclave |  |  |
| 8     | Indicator tape for steam autoclave            |  |  |
| 9     | K2EDTA vacutainer                             |  |  |
| 10    | Lansets                                       |  |  |
| 11    | Medium safe skin nitrile Gloves               |  |  |
| 12    | Nitrile Gloves large                          |  |  |
| 13    | Pricking needles                              |  |  |
| 14    | Small safe skin nitrile Gloves                |  |  |
| 15    | Tough Spot                                    |  |  |
| 16    | Tough Tags                                    |  |  |
| 17    | Whatman Filter Paper                          |  |  |
| 18    | Whatman Filter Paper 3CHR                     |  |  |
| 19    | Whatmenn filter paper no. (12.5 cm)           |  |  |

### List of Glasswares for 2016-17

Aneexure-C

| S.No. | Glasswares Name   |  |  |
|-------|---|--|--|
| 1     | Beaker (25ml, 50 ml, 100ml, 250ml & 500ml)/ Glassware         |  |  |
| 2     | Beakers-100ml,250ml,500ml,1000ml                              |  |  |
| 3     | Carboy with stopcock  |  |  |
| 4     | Conical Flask (25ml, 50 ml, 100ml, 250ml & 500ml)/ Glassware  |  |  |
| 5     | Conical flask-100ml,250ml,500ml,1000ml                        |  |  |
| 6     | Conical flasks  |  |  |
| 7     | Conical Tubes (15 ml)   |  |  |
| 8     | Conical Tubes (50 ml)   |  |  |
| 9     | Culture vials(Borosil)  |  |  |
| 10    | Giemsa stain sol.   |  |  |
| 11    | Glass measuring cylinders- 25ml,20ml,100ml,250ml,500ml,1000ml |  |  |
| 12    | Glass slides  |  |  |
| 13    | Glass Tubing (Borosil)  |  |  |
| 14    | Glasswares  |  |  |
| 15    | Measuring cylinders   |  |  |

|    |  |  |  |
|----|--|--|--|
| 16 | Micro Slide 75 x 25mm. 1.1mm. Froste D (50/Pack)           |  |  |
| 17 | Micro slides   |  |  |
| 18 | Micro Slides 75x25 mm (Thickness: 1.2mm)                   |  |  |
| 19 | Narrow Mouth bottle, 1000ml                                |  |  |
| 20 | Narrow Mouth bottle, 500ml                                 |  |  |
| 21 | Reagent bottles 1000ml                                     |  |  |
| 22 | Reagent bottles 500ml                                      |  |  |
| 23 | Round bottom flask, 100ml,250ml,500 ml,1000ml,2000,3000 ml |  |  |
| 24 | Schott Duran Bottles- 50ml,100ml,250ml,500ml,1000ml        |  |  |
| 25 | Stirring rod   |  |  |
| 26 | Test tube  |  |  |
| 27 | Test tubes-2ml-10ml  |  |  |
| 28 | Wide Mouth bottle, 1000ml                                  |  |  |
| 29 | Wide Mouth bottle, 500ml                                   |  |  |

### List of Kits for 2016-17

Aneexure-D

| S.No. | Kits Name   |  |  |
|-------|---|--|--|
| 1     | Mouse 10-PLEX FOR CYTKINE DETECTION: IL1b, IL4, IL6, IL10, IL12p 40 , TNF a, IL17, IFN g, MIP1, IL2 |  |  |
| 2     | Ni-NTA spin columns   |  |  |
| 3     | 2D starter Kit  |  |  |
| 4     | 7-AMINOACTINOMYCIN D (7-A 1 MG.   |  |  |
| 5     | AgenCourt Ampure XP Kit   |  |  |
| 6     | Arginase detedtin kit   |  |  |
| 7     | Axyprep blood genomic DNA miniprep kit  |  |  |
| 8     | Buffer kit  |  |  |
| 9     | cDNA synthesis Kit  |  |  |
| 10    | Dengue NS1 Ag + IgG/IgM Kit   |  |  |
| 11    | DNA Blood Mini Kit (250)  |  |  |
| 12    | DNA isloation Kit from animal tissues, whole blood,dried blood spot,250 rxns                        |  |  |
| 13    | DNA isolation kit   |  |  |
| 14    | DNase 1000 Units  |  |  |
| 15    | DreamTaq DNA polymerase 500 units   |  |  |
| 16    | Dynabeads mRNA direct micro kit   |  |  |
| 17    | E-Gel size select 2%  |  |  |
| 18    | Elisa Kit   |  |  |
| 19    | Falcivax Kit  |  |  |
| 20    | Falcivax Pf/Pv RDT kit  |  |  |

|    |  |  |  |
|----|--|--|--|
| 21 | Flacivax Divice  |  |  |
| 22 | G6PD kit   |  |  |
| 23 | G6PD kit Span Diagnostic   |  |  |
| 24 | G6PD Test Kit  |  |  |
| 25 | Gel extraction kit-250rxns   |  |  |
| 26 | Gel purification kits  |  |  |
| 27 | GeneJet Gel extraction kit, 250 prep   |  |  |
| 28 | GeneJet PCR purification kit   |  |  |
| 29 | GeneJET Whole Blod Genomic DNA Purification  |  |  |
| 30 | Genescan-500(LIZ) Size Std Kit EA  |  |  |
| 31 | GST resins   |  |  |
| 32 | High Sensitivity DNA Kit for Bioanalyzer   |  |  |
| 33 | Human10-PLEX FOR CYTKINE DETECTION: IL1b, IL4, IL6, IL10, IL12p 40 , TNF a, IL17, IFN g, MIP1, IL2 |  |  |
| 34 | IL12, IL10, TNF-alpha, IFN-Gamma ELISA KITS  |  |  |
| 35 | ION 314 CHIP KIT V2 EACH   |  |  |
| 36 | ION 316 CHIP KIT V2 (4 PACK) EACH  |  |  |
| 37 | ION 318CHIP KIT (4 PACK) EACH  |  |  |
| 38 | ION PGM ENRICHMENT BEADS EACH  |  |  |
| 39 | ION PGM SEQUENCING 400 KIT EACH  |  |  |
| 40 | ION PGM TEMPLATE OT2 400 KIT EACH  |  |  |
| 41 | ION SPHERE QUALITY CONTROL KIT EACH  |  |  |
| 42 | ION TORRENT 1-16 barcode kit   |  |  |
| 43 | ION Torrent DNA STANDARD & Primer Premix kit   |  |  |
| 44 | ION TORRENT RNA Library preparation kit  |  |  |
| 45 | ION total RNA -Seq Kit   |  |  |
| 46 | iTaq SybrGreen supermix  |  |  |
| 47 | Malaria diagnosis kit  |  |  |
| 48 | Maxima SYBR Green qPCR master mix, 200 reacts  |  |  |
| 49 | MTT cell proliferation kit   |  |  |
| 50 | NEBNext Fast DNA Fragmentation and Library-Prep Set for Ion Torrent - 50 rxns                      |  |  |
| 51 | Notch Receptor Interaction Antibody Sampler Kit  |  |  |
| 52 | Parachek Divice  |  |  |
| 53 | PCR Cloning Kit  |  |  |
| 54 | PCR Purification Kit,250rxns   |  |  |
| 55 | pGEM T Easy Vector System  |  |  |
| 56 | Phospho-Akt Pathway Antibody Sampler Kit   |  |  |



|    |  |  |  |
|----|--|--|--|
| 57 | Pierce GST Protein Interaction Pull Down Kit, 25rxn          |  |  |
| 58 | Pierce HIS Protein Interaction Pull Down Kit, 25rxn          |  |  |
| 59 | Plasmid DNA isolation kits                                   |  |  |
| 60 | PLATINUM PCR SUPERMIX HIGH FI 100 REACTIONS                  |  |  |
| 61 | PROSTAGLANDIN E2 PARAMETER ASSAY KIT                         |  |  |
| 62 | Protein digestion kit(in gel)                                |  |  |
| 63 | Q PCR kit  |  |  |
| 64 | QIAamp DNA Blood Mini Kit (250)                              |  |  |
| 65 | QIAamp DNA mini kit, 250prep                                 |  |  |
| 66 | QIAamp Viral RNA mini kit                                    |  |  |
| 67 | Qiagen One step RT-PCR Kit                                   |  |  |
| 68 | QIAquick PCR Purification KIT                                |  |  |
| 69 | QIAquick PCR Purification Kit(250)                           |  |  |
| 70 | Quibet quantification kit                                    |  |  |
| 71 | Quick Start Protein Assay Kit                                |  |  |
| 72 | Real time PCR kit  |  |  |
| 73 | RevertAid premium first strand cDNA synthesis kit, 50 reacts |  |  |
| 74 | RNA In-Situ Hybridization Kit                                |  |  |
| 75 | RNA isolation kit  |  |  |
| 76 | RNA purification kit   |  |  |
| 77 | Silver stain kit   |  |  |
| 78 | SMARTer cDNA synthesis kit                                   |  |  |
| 79 | SYBR FAST qPCR kit   |  |  |
| 80 | Taq DNA polymerase 3U/ul                                     |  |  |
| 81 | TGFb single plex   |  |  |
| 82 | Transcript Aid T7 high yield transcription kit               |  |  |
| 83 | Urea detection kits  |  |  |
| 84 | Whole Blood DNA Isolation Kit                                |  |  |
| 85 | Whole Genome Amplification Kit                               |  |  |
| 86 | Kinore-Glo ADP-Glo Kinore Assay Kit                          |  |  |

### List of Plasticwares for 2016-17

Aneexure-E

| S.No. | Plasticware Name                                  |  |  |
|-------|---|--|--|
| 1     | 0.2 micron syringe filters                        |  |  |
| 2     | 0.2ml 96 well plates                              |  |  |
| 3     | 0.2ml PCR 8-Strip Tubes with attached Domed Caps, |  |  |
| 4     | 0.2ml PCR Tube with domed cap                     |  |  |

|    |   |  |  |
|----|---|--|--|
| 5  | 0.2ml PCR tube with flat cap,1000/Pk                      |  |  |
| 6  | 0.2ml PCR tubes   |  |  |
| 7  | 0.2ml PCR tubes, flat cap                                 |  |  |
| 8  | 0.2ml PCR tubes, Strips                                   |  |  |
| 9  | 0.45 micron syringe filters                               |  |  |
| 10 | 0.5ml Micro Centrifuge Tube                               |  |  |
| 11 | 0.5ml Micro Tube Box                                      |  |  |
| 12 | 0.5ml,0.6ml low retention tubes with cap                  |  |  |
| 13 | 0.6ul microtubes  |  |  |
| 14 | 1 ml pipette tips   |  |  |
| 15 | 1.5 ml eppendorf tubes                                    |  |  |
| 16 | 1.5ml Micro AmberTube                                     |  |  |
| 17 | 1.5ml Micro Centrifuge Tube                               |  |  |
| 18 | 1.5ml Micro Tube Box                                      |  |  |
| 19 | 1.6ml Graduated, MCT                                      |  |  |
| 20 | 10 ul pipette tips  |  |  |
| 21 | 10µl Bulk Tip   |  |  |
| 22 | 10µl Filter Tip   |  |  |
| 23 | 1000 ul Tips  |  |  |
| 24 | 1000ul barrier micro tips                                 |  |  |
| 25 | 1000ul filter tips  |  |  |
| 26 | 100ul barrier micro tips                                  |  |  |
| 27 | 100ul barrier micro tips,Filtered,sterile,Low             |  |  |
| 28 | 10ul barrier micro tips,Filtered,sterile,Low              |  |  |
| 29 | 1250ul barrier micro tips,Filtered,sterile,Low retention, |  |  |
| 30 | 15 ml falcon tubes  |  |  |
| 31 | 15ML POLYPROPYLENE CONICAL CENTRIFUGE TUBE,               |  |  |
| 32 | 2 ml eppendorf tubes                                      |  |  |
| 33 | 200 µl Bulk Tip   |  |  |
| 34 | 200 µl Filter Tip   |  |  |
| 35 | 200 µl Micro Tips   |  |  |
| 36 | 200-1000µl Micro Tips                                     |  |  |
| 37 | 200ul barrier micro tips                                  |  |  |
| 38 | 200ul barrier micro tips,Filtered,sterile,Low             |  |  |
| 39 | 200ul pipette tips  |  |  |
| 40 | 200ul Tips  |  |  |
| 41 | 50 ml flacon tubes  |  |  |
| 42 | 5-10 ul Tips  |  |  |
| 43 | 5-10µl Micro Tips   |  |  |
| 44 | 96 well plates Flat-bottom with lid                       |  |  |

|    |  |  |  |
|----|--|--|--|
| 45 | Aerosol Barrier Universal Tips,0.5-10µl  |  |  |
| 46 | Aerosol Barrier Universal Tips,100-1000µl  |  |  |
| 47 | Aerosol Barrier Universal Tips,1-200µl   |  |  |
| 48 | Amber centrifuge tube conical bottom (15ml)  |  |  |
| 49 | Amber centrifuge tube conical bottom (50ml)  |  |  |
| 50 | Amber wide mouth bottle 500ml (6 Pack)   |  |  |
| 51 | Autoclave bags   |  |  |
| 52 | BD Falcon 50 ml Conical Tube Sterile, Nonpyrogenic with Screw Cap                            |  |  |
| 53 | BD round POLYSTYRENE TEST TUBE 12X75MM, 5ML,   |  |  |
| 54 | Beaker 500ml Tpx (6/Pack)  |  |  |
| 55 | Beaker-100ml,250ml,500ml,1000ml  |  |  |
| 56 | Blood Collection Tubes Sterile Vacum K2 EDTA 13x75mm, 3ml (BD)                               |  |  |
| 57 | Blood Collection Tubes Sterile Vacum Vacutainer Slica Clot13x75mm, 4ml (BD)                  |  |  |
| 58 | Brown dark colour 1.5-2.0 ml MCT   |  |  |
| 59 | Card Board Cryobox 81 Place Box for 1ml/2ml Vials (10/ Pack)                                 |  |  |
| 60 | Cardboard Cryobox  |  |  |
| 61 | Cardboard Cryobox-100 place box for 1.0-2ml  |  |  |
| 62 | Cell Culture Plates Sterile Tissue Culture Treated Polystyrene, 12-well,flat-bottom with lid |  |  |
| 63 | Cell Culture Plates Sterile Tissue Culture Treated Polystyrene, 6-well,flat-bottom with lid  |  |  |
| 64 | Centrifuge tube 15 ml  |  |  |
| 65 | Centrifuge tube 50 ml  |  |  |
| 66 | Centrifuge tube, Conical bottom, 15ml  |  |  |
| 67 | Centrifuge tube, Conical bottom, 50ml  |  |  |
| 68 | Centricons for protein concentration   |  |  |
| 69 | Centrifuge tube 17 x 120mm, 15 mL  |  |  |
| 70 | Centrifuge Tube Conical Bottom 15ml PP sterile (500/ Pack)                                   |  |  |
| 71 | Centrifuge tubes 2 ml  |  |  |
| 72 | Centrifuge vials   |  |  |
| 73 | Conical Centrifuge Tube,PP/HDPE, 15ml,   |  |  |
| 74 | Conical flask 1000ml   |  |  |
| 75 | Conical flask 250ml  |  |  |
| 76 | Conical flask-100ml,250ml,500ml,1000ml   |  |  |

|     |  |  |  |
|-----|--|--|--|
| 77  | Conical Tube Rack  |  |  |
| 78  | Conical Tubes (15 ml)                                    |  |  |
| 79  | Conical Tubes (50 ml)                                    |  |  |
| 80  | Cryo Box   |  |  |
| 81  | Cryo Box 1.0 & 1.8ml 81 Places (4/Pack)                  |  |  |
| 82  | Cryo box rack  |  |  |
| 83  | Cryo spots for tubes labelling                           |  |  |
| 84  | Cryo vials 1.2 ML (internal thread)                      |  |  |
| 85  | Cryo Vials Sterile 1.8ml (500/Pack)                      |  |  |
| 86  | Cryotags-1.28"x0.50                                      |  |  |
| 87  | Cryovial sterile threaded (1.0ml)                        |  |  |
| 88  | Cryovial, 0.5ml, Natural, PP, Sterile, Bulk,             |  |  |
| 89  | Culture Flask (25cc sterile; Non vented; Closed cap)     |  |  |
| 90  | Culture Flask (25cc sterile; vented)                     |  |  |
| 91  | Culture Flask (75cc sterile; Non vented; Closed cap)     |  |  |
| 92  | Culture petri plates (sterile)                           |  |  |
| 93  | Disposable basins  |  |  |
| 94  | Disposable filters 1 ltr                                 |  |  |
| 95  | Disposable filters 250 ml                                |  |  |
| 96  | ECO Illumina 48well plates (Real time plate)             |  |  |
| 97  | ELISA PLATES   |  |  |
| 98  | Eppendorf Tube- 1.5mL                                    |  |  |
| 99  | Eppendorf (1.5ml)  |  |  |
| 100 | Eppendorf stands   |  |  |
| 101 | Eppendorf Tubes (1.5ml, 2 ml)                            |  |  |
| 102 | Falcons 15 ml  |  |  |
| 103 | Filter discs   |  |  |
| 104 | Filter tips  |  |  |
| 105 | filters .22um  |  |  |
| 106 | Forcep   |  |  |
| 107 | Freezer Change Rack for 1.5-2ml tubes96 places,44x99x141 |  |  |
| 108 | Frosted Slide  |  |  |
| 109 | Funnel   |  |  |
| 110 | Gloves (Nitrile) Powder free                             |  |  |
| 111 | Gloves Rack  |  |  |
| 112 | Glucose 201 Microcuvettes (4x25)                         |  |  |
| 113 | Hand on™ Nitrile Examination Gloves                      |  |  |
| 114 | Indicator tape for steam autoclave                       |  |  |
| 115 | Insuline sringes   |  |  |
| 116 | Internal thread  |  |  |
| 117 | IsoFreeze PCR Rack                                       |  |  |

|     |  |  |  |
|-----|--|--|--|
| 118 | LightCycler® 480 Multiwell plate 96, white                                     |  |  |
| 119 | LightCycler® 480 Multiwell Plate 96, white with sealing                        |  |  |
| 120 | LightCycler480 Multiwell Plate   |  |  |
| 121 | Magnetic beads for stirrer with its magnetic rod                               |  |  |
| 122 | Magnetic stand for 1.5-2ml tubes   |  |  |
| 123 | Maxymium recovery tips, bulk 0.5-10µl  |  |  |
| 124 | Maxymium recovery tips, bulk 100-1000µl  |  |  |
| 125 | Maxymium recovery tips, bulk 1-200µl   |  |  |
| 126 | Measuring Cylinder (25ml, 50 ml, 100ml, 250ml & 500ml)/ Glassware              |  |  |
| 127 | Measuring scoop (100)  |  |  |
| 128 | Measuring scoop (5)  |  |  |
| 129 | Measuring scoop (50)   |  |  |
| 130 | Membrane filter Holder-47mm  |  |  |
| 131 | Micro centrifuge tube 0.5ml  |  |  |
| 132 | Micro centrifuge tube 1.5ml  |  |  |
| 133 | Micro centrifuge tube 1.5ml  |  |  |
| 134 | Micro centrifuge tube 2.0ml  |  |  |
| 135 | Micro centrifuge tube, Amber colour, 0.5ml                                     |  |  |
| 136 | Micro centrifuge tube, Amber colour, 1.5ml                                     |  |  |
| 137 | Micro centrifuge tube, Amber colour, 2ml                                       |  |  |
| 138 | Micro Cetrifuge Tube 1.5ml (500/Pack)  |  |  |
| 139 | Micro Pipette box (Small & Large)  |  |  |
| 140 | Micro Pipette tips 1000 µl 500 No  |  |  |
| 141 | Micro test plate   |  |  |
| 142 | Micro tip (0.2-10microlitre)   |  |  |
| 143 | Micro tip (10-200microlitre)   |  |  |
| 144 | micro tips 1000ul  |  |  |
| 145 | micro tips 200ul   |  |  |
| 146 | micro tips 2ul   |  |  |
| 147 | Micro Tube box, 1.5ml  |  |  |
| 148 | MicroAmp® EnduraPlate™ Optical 96-Well Fast Clear Reaction Plates with Barcode |  |  |
| 149 | MicroAmp® EnduraPlate™ Optical 96-Well Fast Clear Reaction Plates with Barcode |  |  |
| 150 | MicroAmp® Fast 8-Tube Strip, 0.1 mL  |  |  |

|     |   |  |  |
|-----|---|--|--|
| 151 | MicroAmp® Fast Reaction Tube with Cap, 0.1 mL           |  |  |
| 152 | Micro-Capillary Tubes                                   |  |  |
| 153 | Micropestle   |  |  |
| 154 | Microtips .1-10ul                                       |  |  |
| 155 | Microtips 100-1000ul                                    |  |  |
| 156 | Microtips 2-200ul                                       |  |  |
| 157 | Microtube Tough Spots                                   |  |  |
| 158 | Midi Sub Prep System-Size 13cmX 25cm                    |  |  |
| 159 | Mini Kit, 50prep  |  |  |
| 160 | Minisart nylon0.45 ul 25 mm                             |  |  |
| 161 | Multipurpose labeling tape (mixed)                      |  |  |
| 162 | Narrow Mouth bottle, 1000ml                             |  |  |
| 163 | Narrow Mouth bottle, 500ml                              |  |  |
| 164 | Non Filter Microtips (1000 ul)                          |  |  |
| 165 | Non Filter Microtips (200 ul)                           |  |  |
| 166 | Non skirted 96 well plate standard                      |  |  |
| 167 | Non-Filter Microtips (10 ul)                            |  |  |
| 168 | Non-Filter Microtips (100 ul)                           |  |  |
| 169 | Oak Ridge Centrifuge Tube 10ml PP (Pack of 24x12 Piece) |  |  |
| 170 | Parafilm  |  |  |
| 171 | Parafilm dispenser                                      |  |  |
| 172 | Parafilm, 4"x125', 1Pk                                  |  |  |
| 173 | Parafilm, 4"x250, 1 PK                                  |  |  |
| 174 | Pasteur Pipette (1ml Sterile)                           |  |  |
| 175 | Pasteur Pipette Rubber Bulb                             |  |  |
| 176 | Pasture Pipette 1ml Strile (500/ Pack)                  |  |  |
| 177 | Pasture Pipette 3ml Strile (500/ Pack)                  |  |  |
| 178 | PCR 0.2ml tube rack with cover                          |  |  |
| 179 | PCR Plates  |  |  |
| 180 | PCR tube racks  |  |  |
| 181 | PCR Tubes   |  |  |
| 182 | PCR tubes   |  |  |
| 183 | PCR Tubes & Caps, RNase-free, 0.2 ml(8 stript formate)  |  |  |
| 184 | PCR tubes (Acer + Thermo cycler)                        |  |  |
| 185 | PCR tubes caps  |  |  |
| 186 | PCR Tubes(0.2ml flat cap tubes)                         |  |  |
| 187 | PD 10 empty gravity flow columns                        |  |  |
| 188 | Petridishes   |  |  |
| 189 | Petridishes-90mm  |  |  |
| 190 | Pipette mates   |  |  |
| 191 | Pipette Stands  |  |  |
| 192 | Plastic Beaker  |  |  |

|     |   |  |  |
|-----|---|--|--|
| 193 | Plasticware (tips &tubes                                    |  |  |
| 194 | Powder Free Nitrile Exam Gloves-<br>Small,Medium,Large size |  |  |
| 195 | Pricking Needle   |  |  |
| 196 | Rack for Microtube, 0.5ml X24                               |  |  |
| 197 | Rack for Microtube, 1.5ml X24                               |  |  |
| 198 | Rack for Microtube, 1.5ml X48                               |  |  |
| 199 | Racked-96,768/pk  |  |  |
| 200 | Radiation Sterilized Falcon (15ml,50ml)                     |  |  |
| 201 | Reagent bottles 1000ml                                      |  |  |
| 202 | Reagent bottles 500ml                                       |  |  |
| 203 | Reagent Reservoir-25ml                                      |  |  |
| 204 | Recombinant proteins IFNg                                   |  |  |
| 205 | retention,Racked-96,960/pk, low<br>retention tips           |  |  |
| 206 | Reversible Racks -96 places,12x8 array                      |  |  |
| 207 | Safeskin Purple Nitrile Gloves Medium<br>(100/Pack)         |  |  |
| 208 | Scissors  |  |  |
| 209 | Serological pipette sterile (2ml, 5ml,10ml)                 |  |  |
| 210 | Serological pipettee  |  |  |
| 211 | Serological pipettes (10ml)                                 |  |  |
| 212 | Serological pipettes (1ml)                                  |  |  |
| 213 | Serological pipettes (2ml)                                  |  |  |
| 214 | Serological pipettes (5ml)                                  |  |  |
| 215 | SHEATH FLUID  |  |  |
| 216 | Slide box   |  |  |
| 217 | Slide staining kit  |  |  |
| 218 | Spilfyter labsoakers  |  |  |
| 219 | Storage boxes for eppendorf tubes                           |  |  |
| 220 | Storage vials 2ml   |  |  |
| 221 | Storage vials 5 ml  |  |  |
| 222 | Supreno SE, Nitrile ,Powder Free ,<br>Small,100 PC/bx       |  |  |
| 223 | Syringe Filter  |  |  |
| 224 | Syringe filters- 0.2-0.45um size                            |  |  |
| 225 | Syringes  |  |  |
| 226 | Syringes 10 ml  |  |  |
| 227 | Syringes 1ml  |  |  |
| 228 | Syringes 50 ml  |  |  |
| 229 | Syringes-5-10ml   |  |  |
| 230 | TC Flask 25 cm2 (with double seal cap)                      |  |  |
| 231 | TC Flask 75 cm2 (with double seal cap)                      |  |  |
| 232 | Test tubes-2ml-10ml   |  |  |

|     |  |  |  |
|-----|--|--|--|
| 233 | Thermal paper  |  |  |
| 234 | Thin-walled, frosted lid, RNase-free PCR tubes (0.2 mL)                                    |  |  |
| 235 | Thin-walled, frosted lid, RNase-free PCR tubes (0.2 mL)                                    |  |  |
| 236 | Tips 0.5- 10 ul  |  |  |
| 237 | Tips 100-1000 ul   |  |  |
| 238 | Tips 1-200 ul ul   |  |  |
| 239 | Tough spots  |  |  |
| 240 | Tubes & Caps, 50/Bg  |  |  |
| 241 | Tubes stand for 15ml- 50ml falcon tubes  |  |  |
| 242 | Utility tray-360X310X130 MM  |  |  |
| 243 | Vacutainer (Heparinized)   |  |  |
| 244 | Vacutainer (EDTA coated)   |  |  |
| 245 | Vacuum-driven Filters MCE hydrophilic membrane-Pore size 0.22 mm, 250 ml volume, 12No/pack |  |  |
| 246 | Wide Mouth bottle, 1000ml  |  |  |
| 247 | Wide Mouth bottle, 500ml   |  |  |

### List of Sequencing for 2016-17

Aneexure-F

| S.No. | Sequencing  |  |  |
|-------|---|--|--|
| 1     | Genome sequencing, Transcritome Sequencing: Illumina/Roche/PAC BIO Services |  |  |
| 2     | Sequencing  |  |  |
| 3     | Standard single(PCR) sequncing  |  |  |
| 4     | Standard-seq plate(Multi primer)  |  |  |
| 5     | I-D   |  |  |
| 6     | 2-DE  |  |  |
| 7     | In Solution Digestion   |  |  |
| 8     | In Gel Digestion  |  |  |
| 9     | LC-MS/MS  |  |  |
| 10    | MALDI-TOF   |  |  |
| 11    | iTRAQ   |  |  |
| 12    | TMT   |  |  |