

Group-2: Chemicals, Reagents, Primers & Antisera etc.

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| 1 | Rabies Forward Primer N1 (+) sense: (587)5'-TTT GAG ACT GCT CCT TTT G-3'-(605) | 100nm |
| 1.1 | Reverse Primer N2 (-) sense :(1029)5'--CC CAT ATA GCA TCC TAC -3'(1013) | 100nm |
| 1.2 | RAVN F + : 5'CTACAATGGATGCCGACAA 3' RAVN R - : 5'TATCATTCAACTCCTTATGA3' | 100nm |
| 1.3 | RAVGF + 5'CAAGGAAAGATGGTTCCTCAG 3' RAVGR - 5'TCACAGTCTGGTC TCACCTCCAC 3' | 100nm |
| 1.4 | N7 f(5'-ATG TAA CAC CTCTAC AAT G-3') N4 r(5'-GTC TGA TGA TTG GAA CT-3') | 100nm |
| 1.5 | GH3 f(5'-CTA ACC ACG ATTACA CCA TTT G-3') GH4 r(5'-CAA AAT CCT CAG CCT CGTC-3') | 100nm |
| 1.6 | F214/P- 5'GTGGGAGAAGGCAAGTATCG3', R758/P-5'CACGGGCTAAACGGGTCACA3' | 100nm |
| 2 | Rabies Pseudogene: Forward Primer: G (+) Sense: (4667)5'-GAC TTG GGT CTC CCG AAC TGG GG-3' (4687) Reverse Primer: L (-) Sense: (5543)5'-CAA AGG AGA GTT GAG ATT GTA GTC-3' (5520) | 100nm |
| 2.1 | G-L G902Fc + 5'GACTTGGGTCTCCCTAACTGGGG3' L902Rc - 5'CAAAGGAGAGTTGAGATTGTAGT3' | |
| 3 | Plague | 100nmol |
| 3.1 | YP1- F forward,20 mer 5'-ATC TTA CTT TCC GTG AGA AG-3' YP2-R reverse, 20 mer 5'-CTT GGA TGT TGA GCT TCC TA-3' | |
| 3.2 | F1-1, outer forward, 27 mer 5'- ATA CTG CAG ATG AAA AAA ATC AGT TCC 3' F1-2, outer reverse, 27 mer 5'-ATA AAG CTT TTA TTG GTT AGA TAC GGT-3' | 100nmol |
| 3.3 | F1-140 inner forward,20 mer 5'-GCC CGC ATC ACT CTT ACA TA-3' F1-384 inner reverse,20 mer 5'-CAT CCC CCA CAA GGT TCT CA-3' | 100nmol |
| 4 | Japanese encephalitis Virus JE(F)5'GACCACAACACTTGGAACAGCTAC 3' JE(R)5' GCATGTCTTCCGTCGTCATCC 3' | 100nmol |
| 5 | Dengue Virus | 100nmol |
| 5.1 | DEN1(F)5'TCAATATGCTGAAACGCG(ACT)GAGAAACCG 3' DEN2(R)5'TTGCACCA(AG)CA(AG)TC(AT)ATGTC(AT)TCAGGTTC 3' | |
| 5.2 | DUTR(F) 5' GARAGACCAGAGATCCTGCTGTCT 3' DUTR (R) 5' ACCATTCCATTTTCTGGCGTT 3' | |

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| 6 | West Nile Virus | 100nmol |
| 6.1 | WNV1(F)5' GCCGGGCTGTCAATATGCTAAAA 3' WNV1(R)5' GCACTGGTCAAGGTCCTAGTTC 3' | |
| 6.2 | WNV2(F)5' GGAGCGGGCGTGATGGTTGAA 3' WNV2(R)5' ACCCTGCACTATCGCGCTTAT 3' | |
| 7 | Nipah Virus | 100nmol |
| 7.1 | NVNB4-4 (F) 5' GGAGTTATCAATCTAAGTTAG 3' NVNB4-4 (R) 5' CATAGAGATGAGTGAAAAGC 3' NVBMFC1(F)5' | |
| 7.2 | CAATGGAGCCAGACATCAAGAG 3' NVBMFR2(R)5' CGGAGAGTAGGAGTTCTAGAAG 3' | |
| 8 | Chandipura Virus | 100nmol |
| 8.1 | CHAND-G-F2 5'GTCTTGTGGTTATGCTTCTGT 3' CHAND-G-R5 5'TTCCGTTCCGACCGCAATAACT 3' CHAND-G-F5 | |
| 8.2 | 5'GAGAATGCGACCAGTCTTAT 3' CHAND-G-R6 5' TGCAAGTTCGAGACCTTCCAT 3' | |
| 9 | Group specific Bunyaviridae: f→5'-ATGACTGAGTTGGAGTTTCATGATGTCGC-3' r→5'-TGTTCTGTTGCCAGGAAAAT-3' | 100nmol |
| 10 | Anthrax | 100nmol |
| 10.1 | SF 5'CGC GTT TCT ATG GCA TCT CTT CT 3' SR 5'TTC TGA AGC TGG CGT TAC AAA T 3' | |
| 10.2 | PA F 5' TCC TAA CAC TAA CGA AGT CG 3' PA R 5'GAG GTA GAA GGA TAT ACG GT 3' | |
| 10.3 | CAP F 5' CTG AGC CAT TAA TCG ATA TG 3' CAP R 5' TCC CAC TTA CGT AAT CTG AG 3' | |
| 11 | Rickettsia R17-122 5'-CAG AGT GCT ATG AAC AAA CAA GG-3' R-17-500 5'CTT GCC ATT GCC CAT CAG GTT-3' | 100N mol |
| 12 | SPOTTED FEVER TZ 15 5' TTC TCA ATT CGG TAA GGGC-3' TZ 16 5' ATA TTG ACC AGT CGC TAT TTC-3' | 100 N mol |
| 13 | TYPHUS GROUP | |
| 13.1 | RP2 5' TTC ACG GCA ATA TTG ACC TGT ACT GTT CC 3' RPID 5' CGG TAC ACT TCT TGG TGG CGC AGG AGGT 3' Orientia tsutsugamushi | 100N mol |
| 13.2 | Forward primer OtsuFP630:5'-AAC TGA TTT TAT TCA AAC TAA TGC TGC T-3' Degenerate reverse primer OtsuRP747:5'TAT GCC TGA GTA AGA TAC RTG AAT RGA ATT-3' | |
| 13.3 | 31 –basepair fluorescent Taqman probe OtsuPR665(5'- 6FAM-TGG GTA GCT TTG GTG GAC CGA TGT TTA ATC T-TAMRA-3') | |

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| 13.4 | Conserved eubacterium primers(forward:5'-GTT CGG AAT TAC TGG GCG TA-3'and reverse:5'-AAT TAA ACC GCA TGC TCC AC-3') | |
| 14 | Acetone AR Grade | 46 ltrs. |
| 15 | Acetic Acid AR Grade | 500 ml x 2 |
| 16 | Citric Acid AR Grade | 500 ml |
| 17 | Glycerol AR Grade | 17 liters |
| 18 | Glycerin | 3 liters |
| 19 | Methanol AR Grade | 100 lit. |
| 20 | BHI Agar | 8 kg |
| 21 | Xylene AR Grade | 5 lit. |
| 22 | Sodium Hydroxide (NaOH) Pallets AR Grade | 100 gm. |
| 23 | HCl (Merck) AR Grade | 28 litr. |
| 24 | Sodium Bicarbonate (Tissue Culture Grade) | 250 mg |
| 25 | Ethanol AR Grade | 65 ltrs. |
| 26 | Ethanol molecular grade | 500 ml X20 |
| 27 | KMnO ₄ (Pottasium Permagnate) AR Grade | 500 g |
| 28 | Sodium Hypochlorite | 150 ltrs. |
| 29 | Lysol | 105 ltrs. |
| 30 | Sodium Bicarbonate AR Grade | 500 gm. |
| 31 | Sulphuric Acid AR Grade | 7 lt. |
| 32 | Sodium Chloride AR Grade | 8 Kg |
| 33 | H ₂ O ₂ 3% | 3 lit. |
| 34 | Methylene Blue | 125 ml x3 |
| 35 | Polychrome Methylene Blue | 125 ml x2 |
| 36 | Calcium Chloride | 500 gm |
| 37 | Lysozyme | 1 gm. |
| 38 | Thallium Acetate | 5 gm. |
| 39 | Chloroform (500ml) | 8 |
| 40 | Mineral Oil | 300 ml |
| 41 | Gentamycin Sulphate | 1gm x 24 vials |
| 42 | Streptomycin Sulphate | 2 gm x 12 vi al |
| 43 | Benzyl Penicillin Inj. | 5 lacs/10 lacs units x 12 vials |
| 44 | Polymyxin B Sulphate | 5 vials (1 million units/vial)500 gm |
| 45 | Penicillin | 20 ml x 5 vials |
| 46 | Formalin | 2 ltrs. |
| 47 | Nutrient Broth Medium Tissue Culture Grade Gibco/Difco/Sigma | 500 gm |
| 48 | Nutrient Agar | 1.5 kg |
| 49 | Peptone | 500 gm |
| 50 | Muller Hinton Agar | 500 gm |
| 51 | Leptospira Enrichment Medium (EMJH) | 100ml x 6 |
| 52 | pH paper universal 5mts Long; 7m wide Range 6.4 – 8 with scale | 12 roll |
| 53 | Crystal violet aqueous soln. | 125 ml x 12 bottles |
| 54 | Grams Iodine | 125 ml x 12 bottles |
| 55 | Safranine | 125 ml x 20 bottles |

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| 56 | Methylene blue powder | 200 gm |
| 57 | Basic Fuchsin Powder | 200 gm |
| 58 | Antibiotic Discs. Cephalexin Cl 30 Ciprofloxacin Cp 10 Doxy cycline Do 30 Erythromycin E 30 Norfloxacin Nor 10 Penicillin G P 10 Tetracycline Te 30 Chloramphenicol C 30 | 3 x 50 discs each |
| 59 | Bacillus anthracis selective PLET Media | 500 gms |
| 60 | Malachite green | 100 ml |
| 61 | Polychrome Methylene Blue (M'Fadyean Stain) | 125 ml |
| 62 | Biochemical Identification kit for Bacillus anthracis (Anthrax) | 100 kits |
| 63 | MEM (autoclavable) Sigma/ Gibco / Difco | 9.4gm/lit x 20 |
| 64 | MEM (filterable) Sigma/ Gibco / Difco with earl's Salt with L-glutamine without sodium bicarbonate Salt | 1 vial/lit. x 20 |
| 65 | Sodium Bicarbonate (Tissue Culture grade) Sigma/ Gibco / Difco | 50gm |
| 66 | L-glutamine (Tissue Culture grade) Sigma/ Gibco / Difco | 50gm |
| 67 | Hepes Buffer without sodium salt (Tissue Culture grade) Sigma/ Gibco / Difco | 100gm |
| 68 | Foetal Calf Serum (Tissue Culture grade) Sigma/ Gibco / Difco | 500 ml x 5 |
| 69 | Trypsin (Tissue Culture grade) Sigma/ Gibco / Difco | 20 g |
| 70 | Fungizone (gibco/ sigma/ difco) | 3 vials |
| 71 | Versene (Tissue Culture grade) Sigma/ Gibco / Difco | 20 g |
| 72 | Penicillin-sterptomycin (Tissue Culture grade) Sigma/ Gibco / Difco | 20ml/vial x 5 |
| 73 | Lacta-albumin hydrolysate (Tissue Culture grade) Sigma/ Gibco / Difco | 500gm |
| 74 | Yeastolate Sigma/ Gibco / Difco | 500gm |
| 75 | Dimethyl sulphoxide (DMSO) Sigma/ Gibco / Difco | 100ml |
| 76 | India ink | 100 ml |
| 77 | Antibiotic- antimyotic solution 100X liquid | 1X5 vials |
| 78 | Di sodium hydrogen phosphate | 3 Kg |
| 79 | Sodium dihydrogen phosphate | 3 Kg |
| 80 | Merthiolate (Powder) | 100 gm. |
| 81 | TAE buffer 50X | 6 x 500 ml |
| 82 | TBE buffer 50X | 6 x 500 ml |
| 83 | Hand Sanitizer | 188 nos (500 ml each) |
| 84 | Alcohol swabs | 10 x 100= 1000 nos. |
| 85 | Nuclease free H2O | 10x 500 ml 5 litres |
| 86 | DNA Zap | 6 no. (250ml each) |
| 87 | RNA Zap | 12 no. . (250ml each) |
| 88 | Ethidium bromide | 250 gm. |
| 89 | Agarose molecular grade (low EEO) | 1 Kg |
| 90 | EDTA 0.5 M PH-8.0 | 500 ml. |
| 91 | Glucose | 2x500 gm |

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| 92 | Potassium chloride | 500 gm |
| 93 | Calcium chloride anhydrous | 500 gm |
| 94 | Eolin Red | 100 gm |
| 95 | Phenyle | 12 no. x 5 lit. |
| 96 | 6X gel Loading dye | 20 ml |
| Primers and Probes for Disease Detection | | |
| 97 | Normal desalted PCR primers (approx. 22 bp) (rate per primer should be quoted; not per base) Primer sequence to be provided at the time of placing order | 100 irs |
| 98 | HPLC purified PCR primers (approx. 22 bp) (rate per primer should be quoted; not per base) Primer sequence to be provided at the time of placing order | 50 pairs |
| 99 | Primers, Probes for Real-Time PCR (approx. 22 bp) for ~ 15 diseases (rate per primer and probes should be quoted; not per base) Primer and probe sequence to be provided at the time of placing order | 50 sets (50 pairs of primers & 25 probes) |
| Reagents for PCR | | |
| 100 | 100 bp or low mass DNA ladder) | 10 |
| 101 | Ethidium bromide - | 50gm |
| 102 | Tris base | 500gX2 |
| 103 | Boric Acid | 500g |
| 104 | EDTA tetra potassium salt | 100g |
| 105 | Glacial Acetic Acid - | 1 Litrex6 |
| 106 | Molecular biology grade Agrose | 100g x3 |
| 107 | Isopropanol | 500ml x2 |
| 108 | 1x PBS Buffer | 500ml x7 |
| 109 | TAE Buffer 50X | 500ml x4 |
| 110 | RNase A (DNase free) (10mg) | 1 |
| 111 | DNase I (RNase free) (1000U) | 1 |
| 112 | Sodium Acetate (500g) | 1 |
| 113 | Random Hexamer (50 µg/vial) | 10 vials |
| 114 | MuLV Reverse Transcriptase (5000U) | 10 |
| 115 | RNase Inhibitor (2000U) | 10 |
| 116 | Amplitaq Gold with Gold buffer (250U) x 2 | 10 |
| 117 | GeneAmp dNTP blend 10mM (100 rxn) x 2 | 10 |
| 118 | Fungizone | 5 vials |
| 119 | Benzyl penicillin and streptomycin - | 5 vials |
| 120 | Phenyl (5L) | 24 |
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Antibiotics Discs

- **For quality assurance programme, disc potency & uniformity of strength is of utmost importance.**
- **All the antibiotic discs should be from same batch (preferably). There should be no disc to disc variation regarding antibiotic quantity in the discs.**
- **Should conform to CLSI standards.**
- **Batch wise quality control certification regarding disc potency checking should be provided. If needed raw data may be supplied.**
- **Supplied discs shall be subjected to quality check using standard strains as per CLSI method and suitability of use ascertained accordingly. In case discs are found to be unsuitable for quality control work these are to be replaced with proper ones or returned.**
- **The antibiotic discs are to be supplied in dry ice/cold chain only.**
- **Bi-yearly supply (April & October) should be ensured.**
- **Shelf life should be minimum of 1 year from the date of supply to NCDC**
- **Part supply will not be accepted**
- **All the 18 antibiotic disc are to be supplied on bi –yearly basis as mentioned above.**
- **List of standard manufacturers -BD/ Oxoid/ Pasteur Merieux and equivalent**

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| 121 | IMIPENEM 10µg | 266x50 Discs |
| 122 | MEROPENEM 10µg | 136 x50Discs |
| 123 | CEFTAZIDIME 30µg | 130x50 Discs |
| 124 | ERTAPENEM 10µg | 20x50 Discs |
| 125 | zinc sulfate solution (ZnSO4 7HO; | Minimum size pack |
| 126 | Amikacin 30 mcg | 16 x 50 discs. |
| 127 | Cefexime 5 mcg | 16 X 50 discs |
| 128 | Cefpodoxime 10 mcg | 16 x 50 discs |
| 129 | Ceftriaxone 30 mcg | 16 x 50 discs |
| 130 | Cefuroxime 30 mcg | 16 x 50 discs |
| 131 | Ciprofloxacin5 mcg | 16 x 50 discs |
| 132 | Co-Trimoxazole 1.25/23.mcg | 16 x 50 discs |
| 133 | Doxycycline Hydrochloride 30 mcg | 16 x 50 discs |
| 134 | Gentamicin 10 mcg | 16 x 50 discs |
| 135 | Norfloxcin 10 mcg | 16 x 50 discs |
| 136 | Ofloxacin 5 mcg | 16 x 50 discs |
| 137 | Tetracycline 30 mcg | 16 x 50 discs |

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| 138 | Bacitracin | 3 x 50 discs |
| 139 | Optochin | 3 x 50 discs |
| 140 | AZTREONAM, 0.016-256 MIC Strips | 100 strips |
| 141 | CEFATAZIDIME, 0.016-256 MIC Strips | 100 strips |
| 142 | IMIPENEM, 0.002-32 MIC Strips | 200 strips |
| 143 | MEROPENEM , 0.002-32 MIC Strips | 100 strips |
| 144 | CEFATAZIDIME/ CEFATAZIDIME+CLAVULANIC ACID(4µg/ml.), 0.05-32/0.064-4 MIC Strips | 100 strips |
| 145 | IMIPENEM/ IMIPENEM+ EDTA, 4-22561-64 | 100 strips |
| 146 | CEFOTETAN/ CEFOTETAN+CLOXACILLIN, 0.05-32/0.05-32 | 100 strips |
| 147 | Amikacin MIC Strips .016 – 256 microgram | 4 pkt x 50 Strips |
| 148 | Cefexime MIC Strips 0.016 – 256 microgram | 2 pkt x 50 Strips |
| 149 | Ceftriaxone MIC Strips .002 – 32 microgram | 2 pkt x 50 Strips |
| 150 | Doxycycline MIC Strips Hydrochloride 0.016 – 256 microgram | 2 pkt x 50 Strips |
| 151 | Norfloxacin 0.016 – 256 microgram | 2 pkt x 50 Strips |
| 152 | Ofloxacin 0.002 – 32 Microgram | 2 pkt x 50 Strips |
| 153 | Tetracycline 0.016 – 256 microgram | 2 pkt x 50 Strips |
| 154 | Kovac's Indole reagent | 100ml x 5no. |
| 155 | Oxidase reagent | 100ml x 2no. |
| 156 | Ferric chloride | 100ml. x 5 no. |
| 157 | Sodium thiosulphate crystal | 500gm x 2 no. |
| 158 | Peptone, Bacteriological | 500gm x 2 no. |
| 159 | Di potassium hydrogen phosphate | 500gm x 1 no. |
| 160 | Ferric ammonium citrate | 500gm x 1 no. |
| 161 | L-Cysteine hydrochloride monohydrate | 100gm x 1 no. |
| 162 | Beef extract | 500gm x 4 no. |
| 163 | Scented cleaners | 5 Lit. x 10 no. |
| 164 | NaoH crystals | 500gm. x 1 no. |
| 165 | Phosphat Buffered saline with calcium chloride and Magnesium chloride | 500ml. x 16 nos. |
| 166 | Penicillin- Strptomycin | 20ml. x 2no. |
| 167 | Gas generating pouch Campylobacter anaerobic pouch | 50 No. |
| 168 | Horse serum | 500 ml |
| 169 | Liquid Soap | 500ml x 70 |
| 170 | Iso-Prapanol | 500ml x 5 |
| 171 | para-dimethylaminobenzaldehyde | 100gm x 2 |
| 172 | Benedict's reagent | 10X500ml |
| 173 | Acetone | 8X2500ml |
| 174 | Taq DNA Polymerase:(5u/µl, Including PCR buffer, MgCl ₂) | 250 u x 2 |
| 175 | Proteinase K(Recombinant, PCR grade, Lyophilized) | 25 mg x 2 |
| 176 | Agarose [Biotechnology grade, Nuclease free, Suited for small DNA fragments (50-1500 bp)] | 50 gm x 2 |
| 177 | DNTPs (Mix (25 mM each) 100 µl, Neutral PH) | 2 packs |

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| 178 | Gel Loading dye (6 x Tri gel loading buffer, Visual tracking of DNA migration during electrophoresis via 3 colours, xylene cyanol, bromophenol blue, orange G) | 2 x 2 ml |
| 179 | 50bp, 100 bp, DNA ladder | 50 µg each |
| 180 | Isopropyl Alcohol(Biotechnology grade) | 1 liter x 4 |
| 181 | Tris (Biotechnology grade) | 500 gm |
| 182 | Glacial acetic Acid (Biotechnology grade) | 500 ml x 2 |
| 183 | Ficoll hypaque (Nuclease free, Sterile) | 100 ml x 10 |
| 184 | Phosphate Buffer Saline (PBS) (1 x, sterile, Ultrapure grade, pH 7) | 500 ml x3 |
| 185 | Ethyl Alcohol (100%, reagent grade) | 30 liter |
| 186 | Filter paper sheet (size- 2' X 2') | 500 sheets/ quarter |
| 187 | Dithiothreitol | 25 gms |
| 188 | Crystal violet | 2 x 25 gm |
| 189 | Diethyl ether | 03 liters |
| 190 | Acetone | 03 liters |
| 191 | Formaldehyde | 03 liters |
| 192 | DPX mounting | 1 x 250 ml |
| 193 | Glucose – D (edible grade) | 1 kg x 8 |
| 194 | Sodium Hypochlorite (4%)* [Manufacturer of Sodium Hypochlorite should provide a certificate indicating batch no., manufacturing date, expiry date and certified concentration of the product]. | 5 liters x 107 canes |
| 195 | Phenyl | 5 liters x 12 canes |
| 196 | Spirit for disinfection | 26 liters |
| 197 | Spirit swabs individually packed | 200 swabs x 24 packs |
| 198 | Antiseptic hand rub with dispensers | 500 ml x 24 bottles |
| 199 | Surface sanitizer | 500 ml x 24 |
| 200 | Biological indicator spore strips: B. stearotherophilus (No. of sporesper strips = 105); 1 x 25 No. [Expiry of the item should be at least 10 – 12 months at the time of delivery] | 02 No. |
| 201 | Biological indicator spore strips: B. atrophaeus (No. of sporesper strips = 106); 1 x 25 No. [Expiry of the item should be at least 10 – 12 months at the time of delivery] | 02 No. |
| 202 | Soyabean Casein Digest Medium (Tryptone Soya Broth) 100 gms [Expiry of the item should be at least 10 – 12 months at the time of delivery] | 02 No |
| 203 | Heparin (Injection IP, 50001U in 5 ml, Heparin sodium- 10001U, Benzyl alc. IP 85-0.95% | 6 vials |
| 204 | Spirit (500 ml) | 4 bottle |
| 205 | Buffer Tablet PH-4.0 and PH-7.0 | 2 bottle each |
| 206 | Bovine Serum Albumin (Albumin Bovine fr V, min protein content 6%) | 100gms |

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| 207 | Benzylopenicilin (Injection IP 1,000,000 units Benzylopenicilin, Sodium IP -600mg equivalent to benzylopenicilin 1,000,000 units) | 12 vials |
| 208 | Streptomycin (Injection IP 0.75 gms) | 12 vials |
| 209 | Di-Sodium Hydrogen Orthophosphate Anhydrous (Na ₂ HPO ₄) (M.W. 141.96, solubility 5% in water, min assay (Acidimetric 98.0%), max limits of impurities : Chloride- 0.1%, Sulphate- 0.1%, Iron 0.01%, Lead- 0.01% | 250 grams |
| 210 | Sodium Dihydrogen Orthophosphate di-hydrates crystal (Na ₂ HPO ₄ , 2H ₂ O, M.W. 156.01, min assay (Acidimetric), 98.0% max limits of impurities : Chloride- 0.01%. Sulphate-0.05%, Iron-0.002%, Lead-0.0005% | 250 gms |
| 211 | Sodium Hydrogen Carbonate (Purified) M.W. 84.01, solubility 5% in aqu. Solution is cleared and colourless, min assay (Acidimetric 99.0-101.0%, max limits of impurities : Chloride- 0.01%. Sulphate-0.02%, Iron-0.001%, Lead-0.0001% | 250gm |
| 212 | Tris (Hydroxymethyl) Methylamine, min assay-99.8% M.W.-121.14 M.P-170-171°C | 25gm |
| 213 | High Precision Molecular Biology Grade Chemicals | |
| 214 | Agarose, low electroendosmosis (100g) | 5 |
| 215 | Boric Acid (500g) | 1 |
| 216 | EDTA tetra potassium salt (100g) | 2 |
| 217 | TAE Buffer 50X (500ml) | 20 |
| 218 | DEPC (25ml) | 1 |
| 219 | Sodium Acetate (500g) | 1 |
| 220 | LB Broth (500g) | 1 |
| 221 | LB Agar (500g) | 1 |
| 222 | X-gal (1g) | 1 |
| 223 | IPTG (5g) | 1 |
| | A) Primers & Probes (Desalted or HPLC Pur) | |
| 224 | Normal desalted PCR primers (approx. 22 bp) (rate per primer should be quoted: not per base) Primer sequence to be provided at the time of placing order | 100 pairs |
| 225 | HPLC purified PCR Primers (approx 22bp) (rate per primer should be quoted: not per base) Primer sequence to be provided at the time of placing order | 50 pairs |
| 226 | HPLC purified PCR Primers (approx. 22bp) for 15 diseases 100 pairs (rate per primer should be quoted: not per base) Primer sequence to be provided at the time of placing order | 50 Set (50 pairs of primers & 25 probes) |
| | B) General Chemicals | |
| 227 | Ficoll Hypaque (100ml) | 4 |
| 228 | Sodium Acetate (500g), AR Grade | 1 |
| 229 | Ammonia (500ml), AR Grade | 2 |
| 230 | Acetic Acid (500ml), AR Grade | 2 |
| 231 | Pottassium dichromate (500g) | 2 |