

# OFFICE OF THE DEAN

## LATE BALIRAM KASHYAP MEMORIAL GOVT. MEDICAL COLLEGE DIMRAPAL, JAGDALPUR (C.G.)

### Section - I Chemicals/Reagents/ Diagnostic Kits

S. no.	Item name	Specifiction
1	3.8% Na citrate –Solution	500ml
2	8 Hydroxyquinoline	100 gm
3	Absolute Alcohol ( Ethanol)	Packaging size-500ml Packaging type- Bottle Physical State- Liquid
4	Absolute Ethanol (99.9%)	500ML x1 Bottle
5	Acetone	500MLx50
6	Acid Phosphatase	1x10ml
7	Acetic acid	500 ml
8	ACTH Elisa	96 test
9	Adenosine	100 gm
10	Adenosine Deaminase	30 test
11	Agar Agar	Oxoid/SRL/Biomerieux, 500 gm X 6 dry powder
12	Albert Stain	
13	Alcohol based hand Sanitizer	Packaging size-500ml Packaging type- Bottle Alcohol content-61.70%, type of alcohol- Ethanol
14	Alkaline Phosphate	1x50ml
15	Aloevera gel	500 ml
16	Aluminium foil	
17	Aluminium Potassium sulphate	Molar mass-474.39 g/mol, Melting point-92.5°C, Density 1.76 g/cm <sup>3</sup> , Boiling Point 200°C, Purity- 99.6%, Formula-KAI (SO <sub>4</sub> ) 2-12H <sub>2</sub> O
18	Amikacin 30µg	5 vial
19	Ammonium oxalate	500 gm
20	Ammonium Sulphate	Form-Powder, Purity-99%, Formula- (NH <sub>4</sub> )HSO <sub>4</sub> , Molar mass-115.11 g/mol, Melting Point-147 degree celsius , 500 gm
21	Amonia (NH <sub>3</sub> )	
22	Amoxycillin disc10µg	5 vial
23	Amoxycillin-clavulnic acid 30µg	5 vial
24	Ampicillin-Sulbactam 20µg	5 vial
25	Anti H sera	Packaging Size 10 ml Shelf Life 24 months Storage condition 2 - 8 deg C Titre ~ 1:16 with O group cells Specificity Negative reacting with 'Oh' phenotype Reactivity,Reactivity pattern with different red cells,O>A2>A2B>B>A1>A1B
26	A-Fetoprotein (AFT) Elisa	96 test
27	Anti Streptolysin 'O'(ASO) test	compatible in Nephelometer

S. no.	Item name	Specification
28	Antisera (ABD)A+B+D	size-3X10ml, usage/application-Laboratory, form-Liquid, Method-Lateral flow immuno assay, Packaging size-3X10ml, Material- Reagents monoclonal, Result time- 1min, features-manual, Shelf life-18 Months, Result type- Semi-Quantitive, Packaging type-1X3X10ml, test time-1min, Reagent volume-10ml, Cassette device-yes, Hepacard test Device-No, Plastic Dropper-Y, Sample Dropper-Y, Temperature Storage 2-8°C tire
29	aPTT (Activated partial thromboplastin time) reagent	Application-Laboratory use, Sample-Volume 1x3ml 6x3ml, Capacity-Till expiry date Stated on the vial label when stored at 2 to 8 Store Type -Reagent storage Strictly at 2 to 8 Features in vitro diagnostic test kit, for laboratory and professional use
30	ATCC strain Shigella dysenteraea	Himedia, Oxoid, Difco
31	ATCC strain Vibrio cholerae	Himedia, Oxoid, Difco
32	ATCC strain E. coli	Himedia, Oxoid, Difco
33	ATCC strain Entrococcus	Himedia, Oxoid, Difco
34	ATCC strain Group A beta haemolytic	Himedia, Oxoid, Difco
35	ATCC strain Group B Streptococcus	Himedia, Oxoid, Difco
36	ATCC strain Klebsiella pneumoneae	Himedia, Oxoid, Difco
37	ATCC strain Pneumococcus	Himedia, Oxoid, Difco
38	ATCC strain Protes vulgaris	Himedia, Oxoid, Difco
39	ATCC strain Proteus mirabilis	Himedia, Oxoid, Difco
40	ATCC strain Salmonella typhi	Himedia, Oxoid, Difco
41	ATCC strain Staphylococcus aureus	Himedia, Oxoid, Difco
42	Azithromycin 15µg	5 vial
43	Aztreonam 15µg	5 vial
44	Barium chlorite	500 gm
45	Basic fuschin powder	
46	Benedict's reagent	5 Ltr.
47	Benzidiene powder	500 gm
48	Beta hCG Elisa	96 test
49	BHI Broth	Oxoid/SRL/Biomerieux, 500 gm X 2 dry powder
50	Bile esulin media	Oxoid/SRL/Biomerieux, 500 gm X 3 dry powder
51	Bilirubin (T+D)	2x100ml
52	Bleaching Powdar	Application-Disinfectant, Water Treatment, Textile mills, Paper industry, Laundry, packaging size -25 kg, Grade min- 32 %, Chemical Formula-CaClO <sub>2</sub> , form- powder, Moisture-0.3%, 0.5%, Sulubility in water- Mixes in water
53	Blood Agar Base	Oxoid/SRL/Biomerieux, 500 gm X 6 dry powder
54	Blood Culture Bottle	In vitro diagnostics Storage temp: 10-25°C Store in cool and dark place 5X50 ml
55	Blood culture vails for adults	compatable for BD FX 40
56	Blood culture vails for pediatric use	compatable for BD FX 40
57	Blood Group Kit (Antisera) (Anti A, Anti B, Anti D)	

S. no.	Item name	Specification
58	Blood grouping kit	size 3x10ml, usage/Application-Laboratory, form-Liquid, Method-Lateral Flow Immuno assay, Packaging size-3x10ml. Material-Reagents, Result time-1 min Features-Manual, Shelf life-18 months, Result type-Semi-Quantitive, Packaging type-1x3x10ml, test time-1min, Reagent Volume-10ml, Cassette Device-yes, Plastic Dropper-y, Sample dropper-y, Temperature Storage-2-8°C
59	Boric acid	500 gm
60	Bovine albumin fraction V	100 gm
61	Bovine Albumin-22%	Reagent-Bovine albumin 22% contains bovine serum albumin as its reactive component. Properties-bovine albumin 22% is used in blood group serology as an intensification and suspension medium.
62	Bromocresol Green	5 gm
63	Burning spirit (For Spirit Lamp)	5LTRx20
64	C.S.F. Protein (Microprotein)	1x50ml
65	Calcium (OCPC)	2x50ml
66	Calcium chloride	500 gm
67	Carbolic Acid	
68	Cefazolin 30µg	5 vail
69	Cefepime 30µg	5 vail
70	Cefoperazone-Sulbactam75/30µg	5 vail
71	Cefotaxime 30µg	5 vail
72	Cefoxitin 30µg	5 vail
73	Ceftazidimeµg 30	5 vail
74	Ceftriaxone 30µg	5 vail
75	Cefuroxime 30µg	5 vail
76	Chloramphenicol 30µg	5 vail
77	Ciprofloxacin 5µg	5 vail
78	CKMB	1x50ml
79	CLED with Bromothymol Blue	Oxoid/SRL/Biomerieux, 500 gm X 6 dry powder
80	Clindamycin 2µg	5 vail
81	Colistin 10µg	5 vail
82	Coomb's Sera ( Anti human globulin)	Polyspecific reagent for Direct & Indirect AHG(Coomb's)Test High titre of anti IgG(1:>256) and anti C3d (1:8) 100% specificity for subclass of IgG and C3d Does not react with C4 fragment 10 ml
83	Copper Sulphate	Application -Laboratory Use Density(Gram/cubic centimetre) 3.6 Molar mass(Gram/mol) 159.609 Melting point 110 Degree C Molecular Formula CuSO4 500 Gm
84	Co-trimoxazole 25µg	5 vail
85	C-Reactive Protein test(CRP)	compatible in Nephelometer
86	Creatinine	2x100ml
87	CRP (C-Reactive Protein) Elisa	1x50ml

S. no.	Item name	Specifiction
88	CRYO Box ,PC,for 1-2 ml vial,81 (9x9 Array),4 nos./pack	Should Manufactured of Strong Polycarbonate and designed to be used at temperature between -196°c to +121° C. *Should be used in the gas phase of liquid nitrogen with appropriate safety procedure in place. *Should transparent lids permit viewing of contents. *These boxes should create small,small -efficient storage system within a large mechanical freezer. *Lids should have numbered grid for sample identification.surface of the lid has frosted area suitable for writing with markers,facilitating inventory control. *The dimensiopns of the cryo box should compatible with vertical,horizontal and drawer style freezer racks. *Cryo box should available in white yello,Blue,colours.it Should be autoclave.
89	Crystal violet powder	
90	Custom Influenza H1N1 Assay kit	Invitrogen/Roche
91	Cytomegalovirus IgM Elisa	(96 wells with reagents including NC PC) Calbiotech,Serion,Verion,platelia(biorad)
92	D.P.X	Density 0.9068 g/cm <sup>3</sup> (20 <sup>o</sup> C) flash Point 22.0 <sup>o</sup> C, Refractive Index 1.519, Store at +15 <sup>o</sup> C to 25 <sup>o</sup> C
93	DCA media	Oxoid/SRL/BioMerieux, 500 gm X 3 dry powder
94	Dengue Ns1 Antigen elisa Kit	(96 wells with reagents including NC PC) Standard diagnostic,panbio,platelia (Biorad)
95	Dengue NS1 Elisa Kit	panbio
96	Diethanol amine	500 ml
97	Diethylamine	500 ml
98	Diluents ( Agappe )	20 ltr X 1 jar
99	Dimethyl sulpyoxide	2.5 Ltr
100	Distilled water	Format: Bottle(s), Purification Method: Membrane-Filtered Contents & Storage Storage Conditions: 15 <sup>o</sup> C to 30 <sup>o</sup> C, Shipping Conditions: Room Temperature Shelf life: 24 months from date of Manufacture
101	Doripenem 10µg	5 vail
102	DTM (Dermatophyte Test media )media	Oxoid/SRL/BioMerieux, 500 gm X 3 dry powder
103	Egg albumin (powder)	500gmX 1 packet
104	Eosin staining solution	100mlX 1 bottle
105	Ertapenem 10µg	5 vail
106	Erythomycin 15µg	5 vail
107	Ethanol	500 ml
108	Ethyl Alcohol	LR grade
109	Extran	500ml
110	E-Z cleaner Reagent (Agappe) 4 pcs in 1 box	4pcs X1 box
111	Ferric chord	500 gm
112	Field stain	
113	Formaldehyde	500ml x 1 bottle
114	Formaline	LR grade
115	Formaline 40%	for Fumigation
116	Free T3 Elisa	96 test
117	Free T4 Elisa	96 test

S. no.	Item name	Specification
118	Freezer Storage Racks,PC( 20) Freezer Storage Racks,Capacity 1.5-2ml Micro tube,1-2 ml Cryo tube and 0.5 ml micro tube with external attachment 32 (8x4 Array)	These racks should have consistent thermal protection to maintain temperature at low temperature. *These racks should Suitable for Storage for PCR Reagents,cells,enzymes or other temperature sensitive reagents and proytecting Critical Samlple from temperature fluctuations. *Molded indexing makes identification faster and easier. *These racks should available in temperature range:-20°C unit will maintain a temperature between-10°c and-20°C for up to three hours. *these racks should fill with an inert,non-toxic gel.
119	Freezing boxes for 2 ml tubes (no per case-8)	ABDOS / AXYGEN/FALCON
120	FSH Elisa Elisa	96 test
121	Gamma Glutamyl Transferase	1x50 ml
122	Gaspack for anaerobic culture	Oxoid/SRL/Biomerieux, 50 Nos gas pack
123	Gel card for blood Grouping and cross match	ABO and Rho (D) Forward , reverse grouping and crossmatch card with autocontrol contains: • monoclonal Anti-A, Anti-B and Anti-D (VI-) prefilled with gel from microtube 1-3 • Microtube 4 contains neutral gel which serves as a negative control • Microtube 5 and 6 contains neutral gel for reverse grouping Standardisation Follows FDA guidelines Storage / Stability:4-25°C, 12 months
124	Gentamicin 10µg	5 vail
125	Glucose powder	500gm X 1packet
126	Glycerin	Form –Liquid,Packaging Size 2.5 Ltrs,Packaging Type-Glass Bottle, Boiling Point 290 DegC,Formula C3H8O3
127	Glycerol	
128	Glycosylated Hb	10 test
129	Graphite pencil for glass slide	1 pack ( 10 pcsX1 pack)
130	H1N1 Positive Controls,	Invitrogen/Roche
131	Hand Sanitizer	Packaging size-100ml packaging type- Plastic Bottle Alcohol content-10% type of alcohol-Iso propyl
132	Harrish Heamatoxylin Crystal	In-Vitro Diagnostic use, Store at room Temperature, 500ml
133	HBsAg Elisa	(96 wells with reagents including NC PC) J Mitra and Co.Pvt. Ltd (WHO),Bio rad (USA),Axyme, Abbot

S. no.	Item name	Specification
134	HBsAg Elisa 4 <sup>th</sup> generation (96 test X 1 Box)	<ol style="list-style-type: none"> <li>1. Microplate ELISA coated with monoclonal antibodies to HBsAg.</li> <li>2. The assay should be able to detect surface antigen to Hepatitis B virus.</li> <li>3. Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing &amp; expiry dates should be provided with each kit.</li> <li>4. The kit to be procured should have approval of the statutory authority in its country of origin.</li> <li>5. In case of imported kits it should have been registered and licensed in India by DCG (I).</li> <li>6. In case of indigenous manufacturers they shall have license issued by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (I).</li> <li>7. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees</li> <li>8. The assay component should include reactive and non-reactive controls.</li> <li>9. The assay should have sensitivity of more than or equal to 99% and specificity of more than or equal to 98%.</li> <li>10. The assay should have analytical sensitivity of detecting less than or equal to 0.5 ng/ml.</li> <li>11. The manufacturer/authorized agent should ensure maintenance of cold chain during storage &amp; transport the kits at 2°c - a0c. The cumulative time temperature indicator technology used should be pre-qualified by WHO</li> <li>12. The kit size should be 96 tests/ kit. 96 test=1Box</li> </ol>
135	HBsAg Rapid card test	SD,Tulip,Beacon
136	HBsAg Rapid kit	<ol style="list-style-type: none"> <li>1. Should be solid phase/particle coated with monoclonal antibodies to HBsAg.</li> <li>2. The assay should be able to detect surface antigen to Hepatitis B virus</li> <li>3. Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing &amp; expiry dates should be provided with each kit.</li> <li>4. The kit to be procured should have approval of the statutory authority in its country of origin</li> <li>5. In case of imported kits it should be registered and licensed in India by DCG (I).</li> <li>6. In case of indigenous manufacturers they should be licensed by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (I).</li> <li>7. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees</li> <li>8. The total procedure time shall not be more than 30 minutes 30 test</li> </ol>
137	HBV DNA genotype RT PCR	Amplisence

S. no.	Item name	Specification
138	HCV Elisa test 4 <sup>th</sup> generation (96X 1 Box)	<ol style="list-style-type: none"> <li>1. Microplate ELISA coated with recombinant/synthetic peptide antigens for core, NS3, NS4, and NS5.</li> <li>2. Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing &amp; expiry dates should be provided with each kit.</li> <li>3. The kit to be procured should have approval of the statutory authority in its country of origin</li> <li>4. In case of imported kits it should have been registered and licensed in India by DCG (I).</li> <li>5. In case of indigenous manufacturers they shall have license issued by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (I).</li> <li>6. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees</li> <li>7. The assay component should include reactive and non-reactive controls</li> <li>8. The assay should have a sensitivity more than or equal to 99 % and specificity of more than or equal to 98%.</li> <li>9. The manufacturer/authorized agent should ensure maintenance of cold chain during storage &amp; transport the kits at 2°C - 8°C. The cumulative time temperature indicator technology used should be pre-qualified by WHO.</li> <li>10. The kit size should be 96 tests/ kit. 96 test=1Box</li> </ol>
139	HCV Rapid card test	SD,Tulip,Beacon

S. no.	Item name	Specification
140	HCV Rapid kit	<ol style="list-style-type: none"> <li>1. Should be solid phase/particle coated with recombinant and /or synthetic peptide antigens for Core, NS3, NS4 and NS5</li> <li>2. Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics. storage conditions, limitation of assays, manufacturing &amp; expiry dates should be provided with each kit.</li> <li>3. The kit to be procured should have approval of the statutory authority in its country of origin</li> <li>4. In case of imported kits it should have been registered and licensed in India by OCG (I).</li> <li>5. In case of indigenous manufacturers they should be licensed by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by OCG (I).</li> <li>6. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees</li> <li>7. The total procedure time shall not be more than 30 minutes.</li> <li>8. The assay component should include Positive and Negative control in each pack of 50 tests.</li> <li>9. The assay should have sensitivity of more than or equal to 99% and specificity of more than or equal to 98%.</li> <li>10. The manufacturer/authorized agent should ensure maintenance of cold chain during storage &amp; transport the kits at 2°C - 8°C. The cumulative time temperature indicator technology used should be pre-qualified by WHO</li> </ol> <p>The pack size should not be more than 50 tests wherein each test is individually packed</p>
141	HDL Cholesterol	1x50ml
142	Hematoxin eosin saffron stain kit	LR grade
143	Hepatitis A Igm Elisa kit	(96 wells with reagents including NC PC) Immunovision (USA),DRG internatal USA,Hepavase,Axyme
144	Hepatitis B ELISA Kit 96 well	J Mitra,
145	Hepatitis C ELISA Kit 96 well	J Mitra,
146	Hepatitis C IgG Elisa	(96 wells with reagents including NC PC) J Mitra and Co.Pvt. Ltd (WHO),Bio rad (USA),orthodiagnostics
147	Hepatitis E IgG Elisa	(96 wells with reagents including NC PC) MP diagnostic,MBBSSR L Milano,italy
148	high strength Gentamycin 120 µg	5 vail

S. no.	Item name	Specification
149	HIV Elisa test kit	<ol style="list-style-type: none"> <li>1. Should be solid phase micro plate coated HIV I &amp; II recombinant and/or synthetic peptide antigens.</li> <li>2. The assay should detect HIV I and II antibodies.</li> <li>3. Adequate documents detailing the principle, components, details of antigen for antibody detection of HIV 1 and 2, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing &amp; expiry dates should be provided with each kit.</li> <li>4. The kit should have approval of the statutory authority in its country of origin</li> <li>5. In case of imported kits it should be registered and licensed in India by DCG (I).</li> <li>6. In case of indigenous manufacturers should be licensed issued by the competent authority defined under Drugs and Cosmetics Act, 1940 &amp; also be evaluated by the centers approved by DCG (I).</li> <li>7. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees</li> <li>8. The assay component should include reactive and non-reactive controls with each kit.</li> <li>9. The assay should have sensitivity level of more than or equal to 99.5% and specificity level of more than or equal to 98%.</li> <li>10. The manufacturer/ authorized agent should ensure maintenance of cold chain during storage and transport the kits at 2°C - a°C. The cumulative time temperature indicator technology used should be pre-qualified by WHO.</li> <li>11. The pack size should be 96 tests/ kit 96 test=1Box</li> </ol>
150	HIV kit	

S. no.	Item name	Specification
151	HIV Rapid test kit	<p>1. Should be a Solid phase coated HIV I &amp; HIV II recombinant and I or synthetic peptide antigens.</p> <p>2. The assay should detect HIV I and II antibodies in plasma, serum or whole blood.</p> <p>3. Adequate documents detailing the principle, components, details of antigen for antibody detection of HIV 1 and 2, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing &amp; expiry dates should be provided with each kit. ,4. The kit should have approval of the statutory authority from the country of origin</p> <p>5. In case of imported kits it should be registered and licensed by DCG (I) . , 6. In case of indigenous manufacturers should be licensed by the competent authority defined under Drugs and Cosmetics Act, 1940, also be evaluated by the centers approved by DCG (I) . , 7. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees , 8. The time required for performing the test should not be more than 30 minutes.</p> <p>9. The control dot/band should be able to detect the presence of human immunoglobulins and should not be just a "procedural control" or meant for merely checking the flow of reagents or integrity of the antigen. , 10. The assay should have sensitivity of more than or equal to 99.5% and specificity of more than or equal to 98%. , 11. The manufacturers should ensure that: a. The test kit should be packed such that there is a provision to conduct single test at a time; , b. The assay components should include HIV positive and negative serum control sufficient for conducting 20% of the tests (10% negative and 10% positive controls); and c. The pack size of HIV rapid test kits should not be more than 50 tests per kit.</p> <p>12. The manufacturer/authorized agent should ensure maintenance of cold chain during storage &amp; transport the kits at 2°c - a0c. The cumulative time temperature indicator technology used should be pre-qualified by WHO.</p>
152	HSV1 IgM Elisa	(96 wells with reagents including NC PC) Calbiotech
153	HsVII Igm Elisa	(96 wells with reagents including NC PC) Calbiotech
154	Hydrochloric acid	2.5 Ltr
155	Hydrogen Peroxide	500 ML X 6
156	Hydrogen peroxide 3%	3% w/v H2O2 (100 volumes), Mol. Formula: H2O2, Mol. Weight : 34.01, pack size-500ml
157	Hydrogen peroxide 30%	500 ml
158	Hydromet	
159	Hypochloride Solution	5 Ltr.
160	Hypochlorite	5 Ltr
161	Imipenem 10µg	5 vail
162	India Ink stain	
163	Insulin Elisa	96 test
164	Insulin syringe/ Tuberculin	
165	Iodine crystals	
166	Isopropyl alcohol 90%	500 ml
167	JSB Stain	
168	K2HPO4	500 gm
169	KH2PO4	500 gm
170	Kmno4	500 GM X6
171	Kovac's reagent (indole )	125 ml x 6
172	Lactophenol cotton blue (LCB) stain	

S. no.	Item name	Specification
173	Laser pointer with presentation remote for projector screen	<ul style="list-style-type: none"> <li>• Safe Green Laser Pointer Power output &lt;1mW.</li> <li>• Safe Green Laser Pointer Safety Class: II.</li> <li>• Output Mode – Constant wave.</li> <li>• Wavelength – 532 nm.</li> <li>• Range: 5,000 ft in darkness.</li> <li>• Batteries: 2 x AAA (included)</li> <li>• Beam Dia. at Source – 1.1 mm.</li> </ul>
174	Lavender or essential oil	50 ml
175	LDL	1x50ml
176	Leishman Stain -	250ml
177	Leishman stain powder	Packaging size-250ml, Grade Standard-Reagent Grade Usage/Application-used to differentiate between and identify white blood cells, malaria parasites and trypanosomas, Purity- Greater than 98%
178	Lens Cleaner Solution	100mlX1, Non Corrosive to lens
179	Levofloxacin 5µg	5 vial
180	LH Elisa	96 test
181	Linezolid 30µg	5 vial
182	Liquar ammonia	500 ml
183	Liquid Nitrogen Cryo	Mini (300ml) & Maxi (500ml)
184	Liquid paraffin	500 ML X 6
185	Liquor Ammonia	NH <sub>4</sub> OH, Molar mass-35.04g/mol, Density-880kg/m <sup>3</sup> Boiling Point-24.7 Deg C, Melting Point-91.5 Deg C, 500ml
186	Litmus paper (Blue)	Blue
187	Litmus paper (Red)	Red
188	Lowenstein Jenson media	Oxoid/SRL/Biomerieux, 100 nos
189	Lugol s Iodine	125MLx6
190	Lyse ( Agappe )	500 ml X 1 bottle
191	Mac-Conckey Agar	Oxoid/SRL/Biomerieux, 500 gm X 6 dry powder
192	Magnesium chloride	500 gm
193	Malachite green powder	100 gm

S. no.	Item name	Specification
194	Malaria elisa Rapid test kit	<p>5. Should be solid phase/particle coated with monoclonal antibodies to MALARIA.</p> <p>6. The assay should be able to detect surface antigen to malaria</p> <p>7. Adequate documents detailing the principle, components, bio-safety, methodologies, validity criteria, interpretation of results, performance characteristics, storage conditions, limitation of assays, manufacturing &amp; expiry dates should be provided with each kit. , 8. The kit to be procured should have approval of the statutory authority in its country of origin, 6. In case of imported kits it should be registered and licensed in India by DCG (I).</p> <p>6. In case of indigenous manufacturers they should be licensed by the competent authority defined under Drugs and Cosmetics Act, 1940, after appropriate evaluation by the centers approved by DCG (I).</p> <p>8. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees</p> <p>9. The total procedure time shall not be more than 30 minutes</p> <p>9. The assay component should include Positive and Negative control in each pack of 50 tests.</p> <p>10. The assay should have sensitivity of more than or equal to 99% and specificity of more than or equal to 98%.</p> <p>11. The assay should have analytical sensitivity of detecting less than or equal to 0.5 ng/ml</p> <p>12. The manufacturer/authorized agent should ensure maintenance of cold chain during storage &amp; transport the kits at 2°C - a0c. The cumulative time temperature indicator technology used should be pre-qualified by WHO</p> <p>The pack size should not be more than 50 tests wherein each test is individually packed</p> <p>100 test</p>
195	Malaria rapid test kit	<p>Time to result : 15 minutes,temp: 1-40°C for 24 months</p> <p>Performance</p> <ul style="list-style-type: none"> <li>- Sensitivity: Pf-99.7%, Pv-95.5%</li> <li>- Specificity: 99.5 %</li> </ul> <p>96 test=1Box</p>
196	May – Grunwald stain	25 gm X 1pack
197	ME casset biomerieux	compatible for multiplex per biomerieux machine
198	Medisafe Spirit	5 liter jar
199	Mercury (II) oxide Red	HgO assay ≥99.0%, impurities ≤0.005%, N compounds ≤0.03% insol. Dil. HCl, reduction residue ≤0.025% mp 500°C (dec.) (lit)
200	Meropenem 10µg	5 vial
201	Methanol	500ml X 1 bottle
202	Methanol (Sulphur Free)	Molecular formula: CH <sub>5</sub> H, Molar Mass: 32.04g mol <sup>-1</sup> , Cas no:67-56-1, Melting point: -97.6°C-143.7°F, Boiling Point: 64.7°C-65.6°C Density: 0.7918g/cm <sup>3</sup> , Assay: 99.95%
203	Methenol - 500 ml	500ml
204	Methylene blue powder	
205	Methylene Blue stain powder	Molecular formula C <sub>16</sub> H <sub>18</sub> N <sub>3</sub> SCI Molar mass: 319.85 g/mol Package in a Poly jar, 5 gm
206	MOLEBIO PCR CHIP	compatible for molebio per machine

S. no.	Item name	Specification
207	MPO (Myeloperoxidase) stain	Related Categories: 1.11.x.x Peroxide as receptor, 1.x.x.x Oxidoreductases, Application index, Biochemicals and Reagents, Cancer Metabolism, Quality Level-200, form-Lyophilized Powder, pH-6.6, Solubility-H <sub>2</sub> O: soluble, aqueous buffers such as 50 mm sodium acetate: soluble (Freezing of the enzyme in solution may result in a substantial loss of activity) shipped in- dry ice Storage temp. -20°C, GeneInformation -Human
208	Muller Hinton Agar	Oxoid/SRL/BioMerieux, 500 gm X 10 dry powder
209	N/10 HCl ( Hydrochloric Acid )	500ml
210	Nalidixic acid	30µg
211	Netilmicin	30µg
212	Neutrient Agar	Oxoid/SRL/BioMerieux, 500 gm X 6 dry powder
213	Nigrosine stain	
214	Nitric acid (HNO <sub>3</sub> )	500 ml X 1 bottle
215	Nitrofurantoin 300µg	5 vial
216	Norfloxacin 10µg	5 vial
217	Normal saline	500ml
218	NSE (Non – specific esterase) Stain	125ml X 1 bottle
219	Octa Disc 8 disc in one shot	Ciprofloxacin CIP 5 mcg, ofloxacin OF 5 mcg, sparfloxacinSPX 5 mcg Gatifloxacin GAT 5 mcg Aztreonam AT 30 mcg Azithromycin AZM 15 mcg Vancomycin VA 5 mcg Doxycycline hydrochloride DO 30 mcg
220	Octa Disc 8 disc in one shot	Penicillin P 10 Units Azithromycin AZM 15 mcg Vancomycin VA 5 mcg Cefazolin CZ 30 mcg Clindamycin CD 2 mcg Cloxacillin COX 30 mcg Erythrocylin E 15 mcg Teicoplanin TEI 30 mcg
221	Octa Disc 8 disc in one shot	Tobramycin TOB 10 mcg Imipenem IMP10 mcg Augmentin AMC 30mcg Cefoxitin CX 30 mcg Pipracillin /Tazobactam PIT 100/10mcg CefoperZONE CPZ 75 mcg Nalidixic acid NA 30mcg Norfloxacin Nx 10mcg
222	Octa Disc 8 disc in one shot	Amikacin AK 30 mcg Ceftazidime CAZ 30mcg Chloremphenicol C 30 mcg Aztreonam AT 30 mcg Tetracyclin TE 30 mcg Pipracillin PI 100 mcg Imipenem IPM 10 mcg Ciprofloxacin CIP 1mcg

S. no.	Item name	Specifiction
223	Octa Disc 8 disc in one shot	Amikacin AK 30 mcg Pipracillin /Tazobatom PIT 100/10mcg Gentmycin GEN 10 mcg Meropenem MRP 10 mcg Ceftazidime CAZ 30 mcg Imipenem IPM 10 mcg Ciprofloxacin CIP 1mcg
224	Octa Disc 8 disc in one shot	Ampicillin AMP 10mcg Cefazolin CZ 30 mcg Nalidixic Acid NA 30 mcg Norfoxacin NX 10 mcg Ciprofolxacin CIP 1 mcg Co- TrimoxaZole COT 25 mcg Levofloxacin LE 5 mcg Nitrofuratoin NIT 300 mcg
225	Octa Disc 8 disc in one shot	Cefuroxime CXM 30 mcg Augmentin AMC 30 MCG Ceftriaxone CTR 30mcg Gentamicin GEN 10 mcg Nitrofuratoin NIT 200 mcg Co- Trimoxazole COT 25 mcg Ciprofloxacin CIP 5 mcg Ceftazidime CAZ 30 mcg
226	Octa Disc 8 disc in one shot	Amikacin AK 30 mcg Pipracillin /Tazobatom PIT 100/10mcg Gentmycin GEN 10 mcg Meropenem MRP 10 mcg Ceftazidime CAZ 30 mcg Imipenem IPM 10 mcg Ciprofloxacin CIP 1mcg
227	Octa Disc 8 disc in one shot	Ampicillin AMP 10mcg Cefazolin CZ 30 mcg Nalidixic Acid NA 30 mcg Norfoxacin NX 10 mcg Ciprofolxacin CIP 1 mcg Co- TrimoxaZole COT 25 mcg Levofloxacin LE 5 mcg Nitrofuratoin NIT 300 mcg
228	Octa Disc 8 disc in one shot	Cefuroxime CXM 30 mcg Augmentin AMC 30 MCG Ceftriaxone CTR 30mcg Gentamicin GEN 10 mcg Nitrofuratoin NIT 200 mcg Co- Trimoxazole COT 25 mcg Ciprofloxacin CIP 5 mcg Ceftazidime CAZ 30 mcg

S. no.	Item name	Specifiction
229	Octa Disc 8 disc in one shot	Sparfloxacin SPX 5mcg Levofloxacin LE 5 mcg Gatifloxacin GAT 10 mcg Chloramphenicol C 30 mcg C0-Trimoxazole COT 25 mcg Nitrofurantoin NIT 300 mcg Mropenem MRP 10 mcg Imipenem IPM 10 mcg Polymyxin B PB 300 units Furazolidone FR 100 mcg Aztreonam AT 30 mcg Cloxacillin COX 1 mcg
230	Octa Disc 8 disc in one shot	Ceftazidime CAZ 30 mcg Colistin (methane sulphonate) CL 10 mcg minocycline MI 30 mcg Imipenem IPM 10 mcg Tigecycline TGC 30 mcg Cefuroxime CXM 30 mcg Piperacillin/Tazobactam PIT 100/10 mcg Levofloxacin LE5 mcg Co-Trimoxazole CIP 5 mcg Ciprofloxacin CIP 5 mcg Aztreonem AT 30 mcg Cefoperazone /Sulbactam CFS 75/30 mcg
231	Octa Disc 8 disc in one shot	Penicillin- G P 10units Azithromycin AZM 15 mcg Erythromycin E 15 mcg Clarithromycin CLR 15 mcg Linezolid LZ 30 mcg Co-Trimoxazole Cot 25 mcg Vancomycin VA 30 mcg Cefoxitin CX 30 mcg Ciprofloxacin CIP 5 mcg Gatifloxacin GAT 5 mcg Ofloxacin OF 5 mcg Clindamycin CD 2 mcg
232	Octa Disc 8 disc in one shot	Penicillin G P 10units Oxacillin OX 1 mcg Erythromycin E 15 mcg Clindamycin CD 2 mcg Linezolid LZ 30 mcg Co-Trimoxazole COT 25 mcg Vancomycin VA 30 mcg Ciprofloxacin CIP 5 mcg Tetracycline TE 30 mcg Cefotaxime CTX 30 mcg Chloramphenicol C 30 mcg Gentamicin GEN 10 mcg
233	Ofloxacin 5µg	5 vail
234	Oil lamp Batti	2 pack
235	Orient stain	
236	ORS	21.8 gm Packet for 01 liter Disolving water
237	Ortho cresopthalene	1 gm
238	Oxidase disc µg	5 vail
239	Paraffin wax	White Soft waxy mass Solidification 58°-60°C, 2kgx1 pack

S. no.	Item name	Specification
240	Paraffin wax	Colourless or white Translucent mass or block, Solubility: 33.3 mg soluble in 1ml of chloroform Solidification: 60°-62°C
241	Parafilm	Abdos 2.inchx250 feet
242	Para-Nitro phenyl phosphate	25 gm
243	PAS (Periodic acid Schiff) stain	shelf life-expiry date on the label.IVD- for in vitro diagnostic use application (S)-hematology: suitable, Histology: suitable, Shipped in wet ice, Storage temp. 2-8°C
244	Penicillin disc 10 U	5 vial
245	Pepton powder	Oxoid/SRL/BioMerieux, 500 gm X 6 dry powder
246	Petroleum Jelly	500Gm
247	Phenol crystals	500MLx 4
248	Phenolphthalein	250 gm
249	Phenolphthalein Balls	100 Gm
250	Phenyl	Grade Standard -Technical Grade.Usage Industrial, Commercial Packaging Type - Barrel Packaging Size -5 litre Appearance -Red Brown Liquid, Form -Liquid 5 Ltr =01jar
251	Phosphotungstic Acid Hematoxylin (PTAH) Stain kit	LR grade
252	Picric acid	500 gm
253	Piperacillin 100µg	5 vial
254	Piperacillin-Tazobactam 110µg	5 vial
255	Polimixin-B 300µg	5 vial
256	Potassium Dichromate pure	Appearance-Orange, Form, Crystalline Powder, Assay-00.5%, 500gm
257	Potassium dihydrogen phosphate ( KH <sub>2</sub> PO <sub>4</sub> )	Physical state-powder, Color white-500gmX1 pack
258	Potassium iodide	100 gm
259	PPD 1 TU	5 vial
260	PPD 10 TU	3 vial
261	PPD 5 TU	10 vial
262	Probe Cleaner ( Agappe ) 4 pcs in 1 box	4 pcs x 1 box
263	Progesterone Elisa	96 test
264	Prolactin Elisa	96 test
265	Prostate Specific Antigen (PSA) Elisa	96 test
266	Pure Link RNA Mini kit (50 prep)	Ambion/Invitrogen/Roche
267	Pure Link Viral RNA/DNA Mini kit	Invitrogen/Roche
268	Rapid pap kit	100ml Hematoxylin solution 100ml OG6 Solution 100ml Light green SF-Eosin 2x100ml Propanol for cytology Storage Store at room Temperature
269	RBC Diluting Fluid (Hayem's Fluid)	500ml
270	Reticulocyte Diluting Fluid	Packaging size-25ml, Usage/Application-Hospital type- Clinical Chemistry Reagent Product type- Finished Product. Storage Condition-Room temperature No. Of Reagent- Three Methodology Staining Method Shelf life-60 months/5 years, Test Time-20 minutes
271	Rheumatoid Arthritis(RA) test kit	compatible in Nephelometer
272	Rinse (Agappe )	20 ltr.X 1 jar
273	Robtson's Cooked Meat Medium	Oxoid/SRL/BioMerieux ,500 gm X 6
274	RPR slide test	SPAN,SD,Tulip, 50 test X 200
275	RT PCR Grade Water	(1.5mlx10) Ambion/Invitrogen/Roche

S. no.	Item name	Specification
276	RT PCR Kit for Zika Virus	FDA Approved Target Gene Zika RNA, Must include reverse transcriptase enzyme, Must include Positive, Negative Controls and RNA Extraction Kit
277	Rubber silicon liquid (A&B)	
278	Rubella IgM Elisa	(96 wells with reagents including NC PC) Enzygnost
279	S. Albumin	2x100ml
280	S. Amylase	1x25ml
281	S. Cholesterol	1x50ml
282	S.S Agar	Oxoid/SRL/BioMerieux, 500 gm X 3 dry powder
283	Saburauds Dextrose media	Oxoid/SRL/BioMerieux, 500 gm X 3 dry powder
284	Safranin powder	
285	Salmonella Antisera O Polyvalent group A	O Polyvalent group A
286	Salmonella Antisera O2	O2
287	Salmonella Antisera O4	O4
288	Salmonella Antisera O6,7	O6,7
289	Salmonella Antisera O8	O8
290	Salmonella Antisera O9	O9
291	Salmonella Antisera Poly H phase -2	Poly H phase -2
292	Salmonella Antisera Monovalent H Specific 1	Monovalent H Specific 1
293	Salmonella Antisera Monovalent H Specific a	Monovalent H Specific a
294	Salmonella Antisera Monovalent H Specific b	Monovalent H Specific b
295	Salmonella Antisera Monovalent H Specific c	Monovalent H Specific c
296	Salmonella Antisera Monovalent H Specific d	Monovalent H Specific d
297	Salmonella Antisera Monovalent H Specific g	Monovalent H Specific g
298	Salmonella Antisera Poly H phase -1	Poly H phase -1
299	Sanitizer & hand wash	
300	Saponin	100 gm
301	Savlon hand wash	100mlX1
302	SD Urocolour Tm2 test strips For urinalysis (Protein & glucose)	Parameters-Protein, Glucose. Shelf Life 24 Months, test time (seconds) 10-15 sec, Packaging type- Bottle, box
303	Selenite F broth	Oxoid/SRL/BioMerieux, 500 gm X 6 dry powder
304	Sanitizer	
305	Serum Total Protein	2x100ml
306	SGOT	1x50ml
307	SGPT	
308	Shigella boydii Antisera	boydii i Polyvalent O
309	Shigella dysenteriae Antisera 1ML	Dysenteriae Polyvalent O
310	Shigella flexneri Antisera	flexneri Polyvalent O
311	Shigella Sonnei Antisera	Sonnei
312	Silver nitrate	100 gm
313	SIM Agar	Oxoid/SRL/BioMerieux, 500 gm X 3 dry powder
314	Simmon's citrate Agar	Oxoid/SRL/BioMerieux, 500 gm X 3 dry powder
315	Sodium azide	100 gm

S. no.	Item name	Specification
316	Sodium carbonate	500 gm
317	Sodium chloride	500gmx 1 packet
318	Sodium dithionite	500 gm
319	Sodium Hydroxide pellets	500 gm
320	Sodium Hypochlorite	Purity -1%,Form -Liquid Applications-Epidemic Control,Disinfectant, Water Treatment,Brand -Hypchlor Physical State -Liquid pH Value -12
321	Sodium Hypochlorite (4%)	5LTR x1 Bottle, Loba Chemie (5lts)/SRL/THOMAS BAKER
322	Sodium Metabisulphite ( Na <sub>2</sub> S <sub>2</sub> O <sub>5</sub> = 190.13)	Assay percent range-≥97%, formula weight-190.11, Physical form- Powder/Solid, Percet Purity- ≥97%, Chloride- 0.05% max., Density -1.4 g/cm <sup>3</sup> , Heavy metals (as pb)- 0.001% max, Insoluble Matter- 0.005% max., Iron (Fr)- 0.002% max., Packaging glass- Bottle, Thiosulphate- 0.05% max, Color- White, Melting point- 150 <sup>o</sup> C, ph- 4 to 6
323	Sodium nitrite	500 gm
324	Sodium nitroprusside	500 gm
325	Sodium potassium Tartarate	500 gm
326	Sodium sulphate	500 gm
327	Sodium tetra Borate (Borax)	500 gm
328	Solubility	1x100ml
329	Spirit	PH Value- neutral, usage Clinic, Laboratory, Hospital, Purity(%)- 95, ISO Certified ISO Certified, Color Colorless, Shelf Life- 36 mnth, Assay (%) -95, Moisture-Q.S. Acetone or IPA- Q.S., Ethanol/Ethyl Alcohol 99% or 95% or 92%
330	Spirit for lamp (solvent)	5 Ltr.
331	Spray Fixative for Cyto diagnosis	use for cytological Fixation, 100ml
332	Sprit	
333	Sr. Lipase	20 test
334	SSIII Platinum 1 Step QWRT-PCR kit (100rxn)	Invitrogen/Roche
335	Sterilium	500ml =01Nos
336	Sterilium hand sanitizer	500ml X 1 pack
337	Strong carbol fuschin liquid	500 ml X 1pack
338	Succinic acid	100 gm
339	Sudan black stain	flash point (C) 30OC Reconstitution after dilution with deionized water to a final volume of 500 ml, solution will contain 9.1% (w/v) amido black, 25% (v/v) isopropano and 10% (v/v) acetic acid.
340	Sugar	1x500ml
341	Sulfanalic acid	500 gm
342	Sulphar powder	500 gm
343	Sulphosalysilic acid	500 gm
344	Sulphuric acid	2.5 Ltr

S. no.	Item name	Specifiction
345	Sulphuric acid concentrate	5LTRx4
346	Surgical Spirit	Pack Type- Bottle, Features- Optimum usage, Sterile-Ethylene Oxide, form -Liquid 400 ml
347	Syphilis Elisa test kit	Microwell strips: Wells coated with Treponema pallidum antigen 2. Sample Diluent 3. IgG-RF-Sorbent: Contains antihuman IgG-class antibody 4. Syphilis IgM EIA Positive Control 5. Syphilis IgM EIA Negative Control 6. Syphilis IgM EIA Cut-off Control 7. Enzyme Conjugate: antibody to human IgM conjugated to HRP 8. Substrate Solution: TMB 9. Stop Solution: 0.2 mol/l H2SO4 10. Wash Solution: 20X 96x 1 box
348	T3 Elisa Kits	96 test
349	T4 Elisa	96 test
350	TCA trichloro acitic acid	500 gm
351	TCBS Agar	Oxoid/SRL/Biomérieux, 500 gm X 3 dry powder
352	Teicoplanin 30µg	5 vail
353	Testosterone Elisa	96 test
354	Tetracycline 30µg	5 vail
355	Thromboplastin reagent	Packaging one vial contains 3-4 mg thromboplastin. Storage temp. 2.8°C, Reconstitute the content of 1 vial in 4 ml 10 mm CaCl2
356	Tigecycline 15µg	5 vail
357	Total Iron	1x50ml
358	Toxoplasma IgM ELISA	
359	TPHA card test	SD,Beacon, Tulip, 50 test X 20
360	Triglycerides	1x100ml
361	Triple Sugar Iron Agar	Oxoid/SRL/Biomérieux, 500 gm X 3 dry powder
362	Troponin-I	5 test
363	TSH Elisa	96 test
364	Typhoid (WIDAL) slide test	50 test X 200
365	Urea	1x100ml
366	Urea Agar Base	Oxoid/SRL/Biomérieux, 500 gm X 3 dry powder
367	Urease powder	100 gm
368	Uric Acid	4x50ml
369	Vancomycin 30µg	5 vail

S. no.	Item name	Specification
370	VDRL Rapid Test kit	<p>1. The indigenous RPR (Rapid Plasma Reagin) kits should have been manufactured under manufacturing license issued by the State Licensing Authority under the Drugs and Cosmetics Act. The imported kits should have been imported under Import License issued by the DCG (I) under Drugs and Cosmetics Act.</p> <p>2. The assay should allow for qualitative and semi quantitative determination of Reagin antibodies in serum or plasma for sere-diagnosis of syphilis based on flocculation principle using non treponemal antigens.</p> <p>3. The assay should be suitable to perform with either serum or plasma</p> <p>4. The assay should have sensitivity of 85% or more in primary syphilis and a specificity of 93% or more.</p> <p>5. The assay should be calibrated to WHO reference serum and the same should be supported by statements in kit insert and certificate from manufacturer.</p> <p>6. The test should be able to yield results within 20 minutes.</p> <p>7. The pack size of RPR test kit should be less than or equal to 50 tests per kit.</p> <p>8. The assay components should include positive and negative serum controls sufficient for conducting 20% of the tests (10% negative and 10% positive controls)</p> <p>9. The kit should have all essential accessories required for the test such as cards, droppers, applicator, etc. in adequate quantities for the number of tests to be performed.</p> <p>10. The kit should have minimum shelf-life of 60% or 12 months (whichever is more) at the port of discharge of consignees.</p> <p>100 test</p>
371	Vericella Zoster Virus IgM Elisa	(96 wells with reagents including NC PC) Enzygnost, Demeditec
372	Vibrio H Antisera 1ML	1ML H
373	Vibrio Inaba Antisera 1ML	Inaba
374	Vibrio O 139 Antisera 1ML	O 139
375	Vibrio O1 Antisera 1ML	O1
376	Vibrio Ogawa Antisera 1ML	Ogawa
377	VTM with NS & TS (100 tubes/Box)	Himedia
378	WBC Diluting Fluid Truck's	500ml
379	XLD Agar	Oxoid/SRL/Biomerieux, 500 gm X 3 dry powder
380	Xylene (LR)	Form-Liquid, Packaging Size-500ml, Packaging Type-Glass Bottle, Molar Mass 106.16 g/mol, Formula C8H10

**DEAN**

**LT. BALIRAM KASHYAP MEMORIAL GOVT. COLLEGE  
DIMRAPAL, JAGDALPUR (C.G.)**