

DEPARTMENT OF DIAGNOSTIC

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
Diagnostic kits				
1	ANA ELISA	96 test/kit	5 kits	per kit
2	Anti Ds DNA ELISA	96 test/kit	2 kits	per kit
3	Anti HBsAb ELISA	96 test/kit	5 kits	per kit
4	Anti HCV IgG ELISA	96 test/kit	30 kits	per kit
5	Anti HCV rapid	50 test/kit	10 kits	per kit
6	Antigen detection for Haemophilus influenzae	30 test/kit	2 kits	per kit
7	Antigen detection for streptococcus pneumoniae	30 test/kit	5 kits	per kit
8	Antisera for streptococcus pneumoniae OMNI	2ml	3 X 2ml	per 2ml
9	Antisera for H.influenzae type a	2ml	1 X 2ml	per 2ml
10	Antisera for H.influenzae type b	2ml	2 X 2ml	per 2ml
11	Antisera for H.influenzae type c	2ml	1 X 2ml	per 2ml
12	Antisera for H.influenzae type d	2ml	1 X 2ml	per 2ml
13	Antisera for H.influenzae type e	2ml	1 X 2ml	per 2ml
14	Antisera for H.influenzae type f	2ml	1 X 2ml	per 2ml
15	Antisera for Salmonella poly O	2ml	8 X 2ml	per 2ml
16	Antisera for Salmonella O4	2ml	5 X 2ml	per 2ml
17	Antisera for Salmonella O2	2ml	5 X 2ml	per 2ml
18	Antisera for Salmonella O9	2ml	5 X 2ml	per 2ml
19	Antisera for Salmonella aH	2ml	2 X 2ml	per 2ml
20	Antisera for Salmonella dH	2ml	2 X 2ml	per 2ml
21	Antisera for Salmonella bH	2ml	2 X 2ml	per 2ml
22	Antisera for Salmonella iH	2ml	2 X 2ml	per 2ml
23	Antisera for Salmonella vi	2ml	2 X 2ml	per 2ml
24	Antisera for Shigella Group A	2ml	8 X 2ml	per 2ml
25	Antisera for Shigella Group B	2ml	8 X 2ml	per 2ml
26	Antisera for Shigella Group C	2ml	8 X 2ml	per 2ml

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27	Antisera for Shigella Group D sonnei poly	2ml	8 X 2ml	per 2ml
28	Antisera for Shigella Group D sonnei Phase 1	2ml	2 X 2ml	per 2ml
29	Antisera for Shigella Group D sonnei Phase 2	2ml	2 X 2ml	per 2ml
30	Antisera for E coli 0157	2ml	1 X 2ml	per 2ml
31	Antisera for Vibrio cholerae poly O1	2ml	8 X 2ml	per 2ml
32	Antisera for Vibrio cholerae Ogawa	2ml	3 X 2ml	per 2ml
33	Antisera for Vibrio cholerae Inaba	2ml	3 X 2ml	per 2ml
34	Antisera for Vibrio cholerae 0139	2ml	2 X 2ml	per 2ml
35	ASLO Latex kit	100 tests per kit	15 X 100T	per kit
36	Brucella antigen coloured	5ml	10 X 5ml	Per 5ml
37	Combo Rapid test device for TORCH IgM Abs (should give accurate results for all the four tests in 15 mins)	25 test / Kit	5 kits	per kit
38	CMV ELISA - I g G	96 test/kit	3 kits	per kit
39	CMV ELISA - I g M	96 test/kit	3 kits	per kit
40	CRP Latex kit	100 tests per kit	15 kits	per kit
41	Cryptococcus antigen detection kit by Latex agglutination	100 test/kit	3 kits	per kit
42	Cysticercus IgG ELISA kit	96 test/kit	8 kits	per kit
43	Chikungunya IgM Elisa Kit	96 test/kit	5 kits	per kit
44	Dengue IgG ELISA	96 test/kit	7 kits	per kit
45	Dengue IgM ELISA	96 test/kit	7 kits	per kit
46	Echinococcus ELISA kit	96 test/kit	4 kits	per kit
47	HBsAg ELISA (Jmitra, Morepen, Span, Roche, Bio Rad)	96 test/kit	300 kits	per kit
48	HBsAg Rapid (Immunochromatography method)	50 test/kit	100 kits	per kit
49	Herpes Simplex 1/2 IgM ELISA	96 test/kit	3 kits	per kit

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
50	JE IgM ELISA	96 test/kit	2 kits	per kit
51	Leptospira antigen detection kit	10-30 tests /kit	500 tests	Per test
52	Leptospira IgM ELISA (PanBio, IVD Research, JMitra, Globe, Savyon)	96 test/kit	20 kits	per kit
53	Mannan antigen detection ELISA for Candida	96 test/kit	5 kits	per kit
54	Monospot for Infectious mononucleosis	5ml	8 X 5ml bottles	Per 5ml bottle
55	Para-F kit (Antigen detection kit for P.vivax & P.falciparum)	100 test	30 X100 tests	Per test
56	QBC capillary tubes	per tube	400 tubes	per tube
57	RA test-Latex agglutination test	100 Test	15 X 100T	Per test
58	Slide agglutination test for conformation of staphylococcus aureus (Latex agglutination)	50 test	20 X 50 T	Per test
59	Streptex (Streptococcal grouping test)	100 tests per kit	5 X 100 T	Per test
60	Toxoplasma IgM Elisa	96 test/kit	15 kits	per kit
61	TPHA	96 test/kit	3 kits	per kit
62	VCA EBV ELISA IgM	96 test/kit	2 kits	per kit
63	Weil felix test kit	5ml each of OX2, OX19 and OX-K	8 kits	per Kit containing 5ml each of OX2, OX19 and OX-K
64	Widal antigen slide test/Spot test for TO,TH,AH,BH	per ml	15 X 5ml of each	per ml
65	Widal antigen tube dilution test for TO,TH,AH,BH	per ml	15 X 5ml of each	per ml
66	HBeAg Elisa	96 test/kit	30 kits	per kit
67	Anti HBcAg IgM Elisa	96 test/kit	30 kits	per kit
68	IgM Anti HAV Elisa	96 test/kit	20 kits	per kit
69	IgM Anti HEV Elisa	96 test/kit	20 kits	per kit

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
70	FITC Labelled monoclonal antibodies to RSV	Per 2ml	5 X 2ml	Per 2ml
71	FITC Labelled monoclonal antibodies to CMV pp65	Per 2ml	5 X 2ml	Per 2ml
72	FITC Labelled monoclonal antibodies to HSV1	Per 2ml	5 X 2ml	Per 2ml
73	FITC Labelled monoclonal antibodies to Adenovirus	Per 2ml	5 X 2ml	Per 2ml
74	Typhi Dot Test Kit	40 test	5 X 40 T	Per test
75	FITC Labelled monoclonal antibodies to Influenza A	Per 2ml	5 X 2ml	Per 2ml
76	Antigen detection kit for influenza A&B	10 - 20 tests	300 T	Per test
77	Latex Agglutination Test for Determination of Rotavirus in Human Feces	30 tests	5 X 30 T	Per test
78	Platelia Aspergillus EIA for detection of galactomannan antigen	96 test/kit	3 kits	per kit
79	Dengue NS 1 Antigen Detection ELISA	96 test/kit	5 kits	per kit
80	Dengue NS 1 Antigen Detection ICT	30 test/box	6 boxes	per test

DEPARTMENT OF Media Chemicals

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
1	α -naphthylamine	100 gms	5 X 100gms	per gm
2	α -naphthol	100 gms	5 X 100gms	per gm
3	Auramine O powder	100 gms	10 X 100gms	per gm
4	Agar agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	25 X 500gms	per gm
5	Arabinose	100 gms	8 X 100gms	per gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
6	Arginine	500 gms	5 X 500 gms	per gm
7	Beef extract powder	500 gms	2 X 500 gms	per gm
8	Bile esculin agar	500 gms	10 X 500gms	per gm
9	Blood agar base (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	50 X 500gms	per gm
10	Brain heart Infusion agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	55 X 500gms	per gm
11	Brain heart Infusion broth (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	55 X 500gms	per gm
12	Brilliant green bile broth	500 gms	5 X 500 gms	per gm
13	Bacteroides bile esculin agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	3 X 500gms	per gm
14	Bovine serum albumin (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	5 X 500 gms	per gm
15	Corn meal Agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	4 X 500gms	per gm
16	CLED AGAR with Bromothymol Blue indicator (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	55 X 500gms	per gm
17	Moeller's Decarboxylase base (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	5 X 500 gms	per gm
18	Dextrin	500 gms	1 X 500gms	per gm
19	Di sodium hydrogen phosphate (Na ₂ HPO ₄)	500 gms	3 X 500gms	per gm
20	Dipotassium Hydrogen phosphate (K ₂ HPO ₄)	500 gms	3 X 500gms	per gm

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21	DNA se agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	1 X 500gms	per gm
22	DNA sodium salt	500 gms	1 X 500gms	per gm
23	Dulcitol	500 gms	2 X 500 gms	per gm
24	Eagles minimal essential medium (Tissue culture grade) (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	5 X 500 gms	per gm
25	EMJH medium for leptospira (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	5 X 500 gms	per gm
26	Gelatin powder	500 gms	1 X 500gms	per gm
27	Inulin	500 gms	1 X 500gms	per gm
28	Inositol	500 gms	1 X 500gms	per gm
29	Kligler Iron agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	25 X 500gms	per gm
30	Lysine	500 gms	5 X 500 gms	per gm
31	Lysine Iron agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	25 X 500gms	per gm
32	Mac conkey medium without crystal violet and with 0.15% bile salts (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	65 X 500gms	per gm
33	Mac conkey purple broth (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	25 X 500gms	per gm
34	MEM vitamin solution 100X, tissue culture grade (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	2 X 500 gms	per gm
35	Malonate broth	500 gms	2 X 500 gms	per gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
36	Mannitol	500 gms	1 X 500gms	per gm
37	Mannitol motility medium (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	30 X 500gms	per gm
38	Mannose	500 gms	2 X 500 gms	per gm
39	Mueller Hinton agar base (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	65 X 500gms	per gm
40	Mueller Hinton broth	500 gms	5 X 500 gms	per gm
41	Nutrient agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	25 X 500gms	per gm
42	Nutrient broth (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	20 X 500gms	per gm
43	OF basal medium (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	2 X 500 gms	per gm
44	Ornithine	500 gms	5 X 500 gms	per gm
45	Peptone (bacteriological) (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	15 X 500gms	per gm
46	Polymixin 50units	Disc	10 X 50 discs	per 500 discs
47	Polymixin 300units	Disc	10 X 50 discs	per 500 discs
48	salicin	500 gms	2 X 500 gms	per gm
49	Sodium polyanethol sulphate GR	500 gms	25 X 500gms	per gm
50	Starch	500 gms	2 X 500 gms	per gm
51	TCBS (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	30 X 500gms	per gm
52	Tetramethly P phenelynediamine dihydrochloride	500 gms	10 X 500gms	per gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
53	Thioglycolate medium (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	10 X 500gms	per gm
54	XLD medium (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	30 X 500gms	per gm
55	Xylose	500 gms	2 X 500 gms	per gm
56	Yeast nitrogen base (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	2 X 500 gms	per gm
57	Yeast extract (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	2 X 500 gms	per gm
58	Urea (pure)	500 gms	10 X 500gms	per gm
59	Urease base (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	25 X 500gms	per gm
60	DCA base (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	30 X 500gms	per gm
61	Adonitol	500 gms	2 X 500 gms	per gm
62	Simmons citrate	500 gms	25 X 500gms	per gm
63	Cycloserine cefoxitin Fructose Agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	2 X 500 gms	per gm
64	Bird seed agar (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	100 gms	3 X 100gms	per gm
65	Dermatophyte test medium slants (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	25g	8 X 25g	per gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
66	RPMI-1640 with L-glutamine, without sodium bicarbonate (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	100 gms	3 X 100gms	per gm
67	MOPS (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)	500 gms	1 X 500gms	per gm

Note: Only brands preferred would be (Difco, Himedia, Oxoid, Merck, Sigma Aldrich)

DEPARTMENT OF ANTIBIOTICS

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
1	Ampicillin - Antibiotic powder	1 gm	4x1gm	1gm
2	Amoxicillin +Clavulanic acid(30µg+10µg)discs	50 disc/cartrige	20x50 disc/cartrige	50 disc/cartrige
3	Amphotericin B (100U) disks	50 disc/vials	30x50 disc/vial	50 disc/vial
4	Azteronam - Antibiotic powder	2 gm	5x2 gm	2 gm
5	Bacitracin 0.05 U DD 015	50 disc/vials	25x50 disc/vials	50 disc/vials
6	Benzyl penicillin - Antibiotic powder	1 gm/vial	5x1gm vial	1gm/vial
7	Cefoxitin - 30µg discs	50 disc/cartrige	10x50 disc/cartrige	50 disc/cartrige
8	Cephotaxime sodium salt-	1gm	5x1gm	1gm
9	Ceftazidime - Antibiotic powder	1gm	5x1gm	1gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
10	Ceftriaxone - Antibiotic powder	1gm	5x1gm	1gm
11	Cephalexin - Antibiotic powder	1gm	1x1gm	1gm
12	Ciprofloxacin - Antibiotic powder	1gm	2x1gm	1gm
13	Chloramphenicol - Antibiotic powder	25 gm	2x25gm	25 gm
14	Cotrimoxazole disks (25µg)	pack of 5 cartridge	10 x5 cartridge	pack of 5 cartridge
15	Ceftazidime+Clavulanic acid(30µg+10µg)discs	pack of 5 cartridge	5 x5 cartridge	pack of 5 cartridge
16	Cefperazone+Sulbactam(30µg+10µg)discs	pack of 5 cartridge	10 x5 cartridge	pack of 5 cartridge
17	Erythromycin - Antibiotic powder	1 gm	5x1 gm	1 gm
18	Flucanazole (10 µg) disks	50 disc/vials	30x50 disc/vials	50 disc/vials
19	Gentamicin - Antibiotic powder	1 gm	5x1 gm	1 gm
20	Imepenem (10 µg) disks	pack of 5 cartridge	10 x5 cartridge	pack of 5 cartridge
21	Kanamycin acid sulphate-	1 gm	5x1 gm	1 gm
22	Meropenem - Antibiotic powder	1 gm	5x1 gm	1 gm
23	Neomycin sulphate powder	25 gm	2x25 gm	25 gm
24	Optochin disc DD099	50 disc/vials	10x50 disc/vials	50 disc/vials
25	Oxacillin powder	5 gm	3x5gm	5gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
26	Piperacillin+Tazobactam(75µg+10µg)discs	pack of 5 cartridge	15xpack of 5 cartridge	pack of 5 cartridge
27	Rifampicin - Antibiotic powder	1 gm	3x1 gm	1 gm
28	Tetracyclin powder	5 gm	4 x5 gm	5 gm
29	Vancomycin	500 mg	10 x 500 mg	500 mg
30	Nitrofuantion antibiotic powder	1 gm	10x1 gm	1 gm
31	Furoxone antibiotic powder	1 gm	5x1 gm	1 gm
32	Polymyxin B (50 units) disc	50 disc	10x50 disc	50 disc
33	Polymyxin B (300 units) disc	50 disc	10x50 disc	50 disc
34	Linezolid (30ug) discs	per vial	10 vials	per vial
35	Teicoplanin (30ug) discs	per vial	10 vials	per vial
36	Clindamycin (2ug) disc	per vial	5 vials	per vial
37	Ceftazidime discs (30ug)	per vial	5 vials	per vial
38	Cefotaxime discs (30ug)	5 vial	5x 5 vials	per 5 vial
39	Colistin (10ug) disc	5 vial	5x 5 vials	per 5 vial
40	Metronidazole discs (5ug)	5 vial	5x 5 vials	per 5 vial
41	Menadione sulphite injection	1ml	25 x 1ml	per ml
42	Hemin Crystals	1 gms	25 x 1gm	per gm
43	Dimethyl Formamide	500ml	5 x500ml	per 500 ml
44	Nalidixic acid	5 vials	5 x5vials	5 vials
45	Isoniazid preferred substance is sigma I-3377	50 gm	2 x50 gm	50 gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
46	Ethambutol Dihydrochlorid preferred substance is sigma E-4630	50 gm	2 x50 gm	50 gm
47	Dihydro streptomycin sulphate preferred substance is sigma S-7253	50 gm	2 x50 gm	50 gm
48	Rifampicin preferred substance is sigma R-3501	50 gm	2 x50 gm	50 gm

Note : Samples required for selection

DEPARTMENT OF MISECELLANIOUS

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
1	29 SWG nichrome loop (3mm internal diameter) loops with wire	1	20 Nos	Per No
2	Alluminium foil 50gm	100	100 pack	Per pack
3	Alluminium rack for 100 ml staining bottles	1	20 Nos	Per No
4	Alluminium rack for 50 ml staining bottles	1	20 Nos	Per No
5	Alluminium rack for screw cap culture tube size 120 X 10mm	1	20 Nos	Per No
6	Autoclavable optically clear polypropylene equal quality to high media petri dishes(size 90X15mm)	10	5000 Nos	Per No
7	Autoclavable optically clear polypropylene equal quality to high media petri dishes (size 100X15mm)	10	5000 Nos	Per No

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
8	Automatic numbering machine with 6 digits with ink cartridges (should change on itself after each and every impression)	1	10 Nos	Per No
9	Automatic pipetting pump/pipette controller,holds 1ml-100ml pipettes, -with rechargeable batteries	1	2 Nos	Per No
10	Filter paper 60 X 60 CM	1 reem	5 Nos	per reem
11	Glass tube washing brush with hand nylon	1	50 Nos	Per No
12	Cellulose acetate filter (poresize 0.2µm,Diameter 2.5cm)	50 per pack	3 pack	per pack
13	Centrifuge tubes (50 ml, screw caped,graduated, Tarsons)	1	100 Nos	Per No
14	Centrifuge tubes (10 ml, screw caped,graduated, Tarsons)	1	100 Nos	Per No
15	Cryo rack 5rows X 10columns made of polycarbonate	1	50 Nos	Per No
16	Cryostore boxes (81 well, cryogenic storage box) (2ml)	1	50 Nos	Per No
17	Cryostore boxes (100 well, cryogenic storage box) (2ml)	1	50 Nos	Per No
18	Cryo tubes 5 ml	1	500 Nos	Per No
19	Cellulose acetate filter (poresize 0.45µm,Diameter 47mm)	1	3 pack	per pack
20	Disposable nonpyrogenic filter units 0.45µm	50 per pack	3 pack	per pack
21	Disposable nonpyrogenic filter units 0.20µm	50 per pack	3 pack	per pack
22	Dilutor (for making serial dilutions in IHA test for filarial serology)	1	100 Nos	Per No

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
23	Enamel Basin	1	10 Nos	Per No
24	Enamel tray 42 X 28 cms	1	10 Nos	Per No
25	Enamel tray 24 X 18 cms	1	10 Nos	Per No
26	Enamel tray 42 X 58 cms	1	10 Nos	Per No
27	Filter paper no 1 circle size 12.5 cm diameter, whatmann brand	50 per pack	20 Nos	Per pack
28	Funnel big- Plastic	1	20 Nos	per No
29	Funnel small- Plastic	1	20 Nos	per No
30	Superior Gas tubings for LPG cylinder	1m	25 meter	Per meter
31	Glass marking pencil white,black, yellow	1	200 Nos	per No
32	Heating elements 12 Kwtz, 6Kwtz and 2Kwtz	1	5 Nos	per No
33	Low density polyethylene pasteur pipettes 1ml	1	50 Nos	per No
34	Low density polyethylene pasteur pipettes 3ml	1	50 Nos	per No
35	GlassMarking pen (permanent) Black or blue, fine tip	1	50 Nos	per No
36	Membrane filter holder, 47mm, polysulfone, autoclavable, upper chamber 500ml, lower chamber 1000ml, with spares	1	5 Nos	Per NO
37	Microcentrifuge tube flat polypropylene 2 ml capacity	Pack of 500 Nos	25 pack	per pack
38	Microcentrifuge tube conical polypropylene 1.5 ml capacity	Pack of 500 Nos	25 pack	per pack
39	Microcentrifuge tube conical polypropylene 0.5 ml capacity	Pack of 500 Nos	25 pack	per pack
40	Parfilm (4x125 inch)	per No	5 Nos	per No
41	PCR tubes 0.2ml)	pack of 1000 Nos	50 pack	per pack

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
42	Polypropelene pippete tipbox for 20 - 200µl tips	pack of 6 Nos	20 pack	per pack
43	Polypropelene pippete tips 20 - 200 µl	pack of 1000 Nos	50 pack	per pack
44	Polypropelene pippette tip box for 200 - 1000 µl tips	pack of 6 Nos	20x6 nos	per pack
45	Polypropelene pippette tips 200 - 1000 µl	pack of 1000 Nos	20 pack	per pack
46	Polypropelene yellow tip rack / box for 0.2 - 20µl tips	pack of 6 Nos	20x6 nos	per pack
47	Polypropelene yellow tips 20-200 µl	pack of 1000 Nos	50 pack	per pack
48	polypropelene test tubes autoclavable 12X100mm(Tarsons)	pack of 100 Nos	50 pack	per pack
49	polypropelene test tubes autoclavable 12X75mm(Tarsons)	pack of 100 Nos	50 pack	per pack
50	Polypropelene sterile disposable serological pipettes individually packed _graduated 5ml	1	1000nos	Per no
51	Regulator for LPG cylinder-Indane	1	20 Nos	per No
52	Serum collection vials 2 ml	per 500 pack	20 pack	Per pack
53	Serum collection vials 3 ml	per 500 pack	20 pack	Per pack
54	Single channel variable volume pipette 100 – 1000 µl(fully Autoclavable with increment of 0.1µl)	1	20 Nos	Per No
55	Single channel variable volume pipette 2 – 20 µl(Autoclavable)	1	20 Nos	Per No

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
56	Single channel variable volume pipette 20 - 200 µl(fully Autoclavable with increment of 0.1µl)	1	20 Nos	Per No
57	single channal variable volume pipette 0.5-10ul fully Autoclavable with increment of 0.1µl	1	20 Nos	Per No
58	Slide storage boxes (plastic) for 100slides	1	10 Nos	per No
59	Slide storage boxes (plastic) for 50slides	1	10 Nos	per No
60	Slide storage boxes (plastic) for 10slides	1	10 Nos	per No
61	Slide racks (flat)	1	50 nos	per No
62	Sterile disposable petriplates optically clear, 100x15 mm - PW002	10 per pack	2000 nos	per No
63	Stainless steel tray 42 X 28 cms	1	5 nos	
64	storage rack for PCR thermo tube flat cap 0.2 ml 96 wells	1	100 nos	per No
65	Test tube racks (plastic) to hold 12X100mm test tubes	1	100 nos	per no
66	Test tube racks (alluminium) to hold 12X100mm test tubes	1	100 nos	per no
67	Tissue culture flask polysterene sterile 25 cm2	1	1000 nos	per no
68	Torniquet - rubber	1		per no
69	Torniquet with self adhesive tapes	1		per no
70	Universal containers(wide mouth) for sputum collection,sterile individually packed	1	1000 nos	per no

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71	Universal reagent reservoir, polypropelene, for ELISA work, with 8 separate channels	1	10 nos	per no
72	Silicon gasket 15mmX15mm for big horizontal autoclave, 10mtrs	1	25 mtr	per mtr
73	Silicon gasket 10mmX5mm for small horizontal autoclave, 10mtrs	1	25 mtr	per mtr
74	Deodarant pearls, citrus fragrance, for autoclaving purpose	Pack of 50 Nos	100 nos	per no
75	Disposable membrane filters (plastic) single use	1		per no
76	Autoclave indicater strip	1 roll	5 roll	per roll
77	Single Use Syringe filters 0.22um pore size, cellulose acetate	1		per no
78	Single Use Syringe filters 0.45um pore size, cellulose acetate	1		per no
79	Flocked nylon-tipped thorat swab and viral transport medium (VTM)	50 per pack		per no
80	K3 EDTA vacutainer	pack of 100	10x100 pack	per pack

DEPARTMENT OF GLASSWARE

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
1	Anaerobic gas pack jar (Transparent,unbreakable,polycarbonate jar -3.5 ltr capacity with aluminium clamp & sealing ring)	1	10 nos	PER No
2	Beaker Borosil 1 litre	1	10 nos	PER No
3	Beaker Borosil 500 ml	1	100 nos	per No
4	Beaker Borosil 250 ml	1	100 nos	per No
5	Beaker Borosil 100 ml	1	100 nos	per No
6	Beaker Borosil graduated 50 ml	1	100 nos	per No
7	Beaker Screw capped 1 litre	1	100 nos	per No
8	Bijou bottles	1	100 nos	per No
9	Blood culture bottles 50ml capacity with aluminium screw cap with rubber washes	1	1000 nos	per No
10	Blood culture bottles 100ml capacity with aluminium screw cap with rubber washes	1	5000 nos	per No
11	Centrifuge tubes graduated 10 ml	pack of 100	10 pack	per No
12	Centrifuge tubes graduated 15 ml	pack of 100	10 pack	per No
13	Conical Flask 1 litre	1	50 nos	per No
14	Conical Flask 100ml	1	100 nos	per No
15	Conical Flask 250ml	1	100 nos	per No
16	Conical Flask 500ml	1	100 nos	per No

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
17	Conical Flask 25 ml	1	100 nos	per No
18	Conical Flask 10ml	1	100 nos	per No
19	Cover slips 22mm (0.13mmX0.16mm)	1	200 pack	per No
20	Dropper bottles for stain 100 ml amber colored	1	100 nos	per No
21	Dropper bottles for stain 150 ml amber colored	1	100 nos	per No
22	Durhams tube assorted size	pack of 1000 nos	5 pack	per No
23	Glass cavity slides	1	10 nos	per No
24	Glass pouring bottles	1	10 nos	per No
25	High quality Micro Glass slides 25x75 mm 1.2 mm	50 slide pack	1000 pack	per pack
26	High quality Micro Glass slides 25x75 mm 1 mm	50 slide pack	1000 pack	per pack
27	Mac cartney bottles 30 ml capacity with screw cap with rubber washes	1	5000 nos	per No
28	Measuring cylinder 1 ltr	1	10 nos	per No
29	Measuring cylinder 500 ml	1	100 nos	per No
30	Measuring cylinder 100 ml	pack of 10	10 nos	per No
31	Measuring cylinder 50 ml	pack of 10	10 nos	per No
32	Measuring cylinder 25 ml	pack of 10	20 nos	per No
33	Bulb for fluorescence microscope bulb 12V 30 W	1	4	per No
34	Microscope bulb 6V 20 W	1	75	Per No
35	Mortar & Pestle (small)	1	10 nos	per No
36	Museum jar height 15cm, length 10cm, breadth 10cm,	1	20 nos	per No

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
	rectangular,with lid			
37	Museum jar height30cm,length25cm,breadth20cm, rectangular	1	20 nos	per No
38	Pasteur pipette with rubber latex teats long size	1	50 nos	per No
39	Screw capped SCHOTT duran bottles 500ml	1	50 nos	per No
40	Screw capped SCHOTT duran bottles 1 ltr	1	50 nos	per No
41	Screw capped culture bottles 15ml	1	50 nos	per No
42	Screw capped culture tubes 16X125mm	1	2000 nos	per No
43	Test tubes with rim (12x100 mm)	pack of 100	5000 pack	per pack
44	Test tubes with rim (12x75 mm)	pack of 100	5000 pack	per pack
45	UV light for laminar flow cabinet 4 feet	1	10 nos	per No
46	UV tube lights 3 feet	1	10 nos	per No
47	V' shaped glass rods	1	10 nos	per No
48	Volumetric flask 500 ml	1	5 nos	per No
49	volumetric flask 1 litre	1	5 nos	per No

DEPARTMENT OF GENERAL CHEMICAL

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
	Note : Samples required for selection			
1	Absolute alcohol	500 ml	50 X 500ml	per 500 ml
2	Antibiotic Antimycotic solution for tissue culture work-Sterile filtered (10000U Penicillin,10mg Streptomycin,25µg Amphotericin B/ml)100X	100ml	15 X 100ml	per 100ml
3	Acetone	2.5 litre	10 X 2.5L	per 2.5 litre
4	Acid fuchsin	25g	20 X 25g	per 25g
5	Actidione (cycloheximide)	1g	20 X 1g	per 1g
6	Ammonium dihydrogen phosphate	500 gram	2 X 500g	per 500gram
7	Ammonium sulfate	500 gram	1 X 500g	per 500gram
8	Anhydrous sodium carbonate	500gram	2 X 500g	per 500gram
9	Anaesthetic ether	500ml	4 X 500ml	per 500ml
10	Anaerobic gas packs for 3.5 ltr jar (disposable oxygen absorbing & carbondioxide generating agent without catalyst)	1 no.	500 X 1no.	per no.
11	Aqueous pyruvic aldehyde	25ml	40 X 25ml	per 25ml
12	Basic fuchsin	25g	4 X 25g	per 25g
13	Bromothymol blue	25g	1 X 25g	per 25g
14	Butanol	500ml	2 X 500ml	per 500ml
15	Calcium chloride	500gram	2 X 500g	per 500gram
16	Carbol fuchsin	50g	5 X 50g	per 50g
17	Cedar wood oil	25ml	5 X 25ml	per 25ml
18	Cellobiose	100g	1 X 100g	per 100g
19	Citric acid	500g	1 X 500g	per 500gram

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
20	Conc sulphuric acid	2.5L	5 X 2.5L	per 2.5 litre
21	Conc. Hcl	2.5L	5 X 2.5L	per 2.5 litre
22	Dextrose	500g	1 X 500g	per 500g
23	Disodium hydrogen phosphate- Na ₂ HPO ₄ :12H ₂ O	500g	5 X 500g	per 500g
24	Dimethyl formamide 99%	100ml	2 X 100ml	per 100ml
25	DPX mountant	100ml	2 X 100ml	per 100ml
26	DMSO (Dinethylsulphoxide) (Tissue culture grade)	500ml	1 X 500ml	per 500ml
27	EDTA (Tissue culture grade)	500g	1 X 500g	per 500g
28	Foetal calf serum sterile (Tissue culture grade)	500ml	4 X 500ml	per 500ml
29	Ferric chloride	500 gm	1 X 500g	per 500 g
30	Ferric ammonium citrate	500g	1 X 500g	per 500g
31	Formalin	5 litre	5 X 5 litre	per 5 litre
32	Galactose	500g	1 X 500g	per 500g
33	Giemsa stain solution	200ml	2 X 200ml	per 200ml
34	Glacial acetic acid	500ml	10 X 500ml	per 500ml
35	Glucose	500g	1 X 500g	per 500g
36	Glutaraldehyde (Incidur)	500ml	5 X 500ml	per 500ml
37	Glycerol	500ml	2 X 500ml	per 500ml
38	Hanks balanced salt solution	5L	2 X 5L	per 5L
39	HEPES I Molar sol	100g	2 X 100g	per 100g
40	Hemin	25g	10 X 25g	per 25g
41	Hydrogen peroxide 30%	500ml	5 X 500ml	per 500ml
42	India ink	100ml	2 X 100ml	per 100ml
43	Potassium Iodide	100g	5 X 100g	per 100g
44	Iodine	100g	5 X 100g	per 100g

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
45	Iso amyl alcohol	500 ml	10x500 ml	per 500ml
46	L cysteine hydrochloride	50g	2 X 50g	per 50g
47	L phenyl alanine	50g	2 X 50g	per 50g
48	Lactophenol cotton blue	50g	4 X 50g	per 50g
49	Lactose AR	500g	4 X 500g	per 500g
50	Leishman powder	100g	2 X 100g	per 100g
51	Liquid paraffin	500ml	10 X 500ml	per 500ml
52	Methylene blue	100g	2 X 100g	per 100g
53	Maltose	100g	15 X 100g	per 100g
54	Magnesium sulphate	500g	1 X 500g	per 500g
55	Magnesium citrate	500g	1 X 500g	per 500g
56	Methyl alcohol	500ml	10 X 500ml	per 500ml
57	Methyl red	25g	4 X 25g	per 25g
58	Methyl violet	100g	2 X 100g	per 100g
59	Mellibiose	5g	1 X 5g	per 5g
60	Malachite green	500 gm	2 X 500g	per 500g
61	N-(1 naphthyl)Ethylenediamine dihydrochloride	25g	20 X 25g	per 100g
62	Neutral Red	10g	2 X 10g	per 10g
63	Ninhydrin powder	10g	2 X 10g	per 100g
64	O toluidine	500ml	1 X 500ml	per 500ml
65	Para dimethyl amino benzaldehyde	500ml	4 X 500ml	per 500ml
66	Para nitrobenzoic acid	500g	1 X 500g	per 500g
67	Phenol Red	10g	2x10g	per 10g
68	Phenolphthalein disulphate	100g	1x100g	per 100g
69	Phenol crystals	100g	2x100g	per 100g
70	Potassium hydroxide	500g	1x500g	500g
71	Potassium permanganate	500g	1 X 500g	per 500g

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
72	Potassium hydrogen phosphate	100 gm	2x100g	per 100g
73	Potassium dichromate	100 gm	1x100g	per 100g
74	Potassium dihydrogen phosphate	500g	2x500g	500gm
75	Potassium tellurite	25g	5x25g	per 25g
76	QBC immersion oil	1 Bottle	2 X 1bottle	per bottle
77	Raffinose	25g	1 X 25g	per 25g
78	Sodium acetate	500g	1 X 500g	per 500gm
79	Sodium azide	500g	1x500g	per 500g
80	Sodium bicarbonate	500g	1x500g	per 500g
81	Sodium carbonate anhydrous	500g	1x500g	per 500g
82	Sodium chloride	500 gm	1x500g	500gm
83	Sodium deoxycholate	100g	10 X 100g	per 100g
84	Asparagine	100g	5x 100g	per 100g
85	Sodium hypochlorite solution	5L	100 X 5L	per 5L
86	Sodium nitrate salt	per gm		per gm
87	Sodium hydroxide	per gm		per gm
88	Sodium selenite	100g	2 X 100g	per 100g
89	Solvent ether	ml		per ml
90	Sucrose	500g	1 X 500g	per 500gm
91	Sulphanilamide	per gm		per gm
92	Sulphanilic acid	per gm		per gm
93	Tannic acid	100g	1 X 100g	per 100g
94	Teepol concentrated for glass cleaning - 20 liter container	20 lit container	20 x 20 liter	per 20 liter
95	Toluidine blue	10g	2 X 10g	per 10g
96	Trehalose	5g	4 X 5g	per 5gm
97	Tri sodium citrate	500g	4 X 500gq	per 500gm
98	Tripotassium phosphate salt	500g	4 X 500gq	per 500gm

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
99	Trypsin versene mixture	25g	2 X 25g	per 25g
100	Tween 80	500 ml	4 X 500	per ml
101	Vit B12	1g	2 X 1g	per grm
102	Vit K	25g	2 X 25g	per 25g
103	Xylene	2.5 litre	1 X 2.5 L	per 2.5 litre
104	Zinc dust	5g	4 X 5g	per 5grm
105	ONPG Discs	pack of 10 discs	5 packs	per pack

DEPARTMENT OF MOLECULAR CHEMICALS

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
1	10X TBE buffer (Fermentas, Sigma-Aldrich, Bangalore Genei (Merck), Invitrogen)	1000 ml	5x1000 ml	1000ml
2	1 kb DNA laddeer (Fermentas, Sigma-Aldrich, Bangalore Genei (Merck), Invitrogen)	50 loads	1x50 loads	50 loads
3	100bp DNA Ladder (Fermentas, Sigma-Aldrich, Bangalore Genei (Merck), Invitrogen)	50 loads	10x50 loads	50 loads
4	500bp DNA Ladder (Fermentas, Sigma-Aldrich, Bangalore Genei (Merck), Invitrogen)	50 loads	5x50 loads	50 loads
5	10X TE buffer (mol grade) (Fermentas, Sigma-Aldrich, Bangalore Genei (Merck), Invitrogen)	100ml	2x100ml	100ml

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
6	Acrylamide (mol grade)(genei)(Sigma-Aldrich,Bangalore Genei (Merck))	1kg	1x1kg	per kg
7	Agarose (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck),)	100gm	5x100gm	100gm
8	Ammonium persulphate (ultra pure)(Sigma-Aldrich,Bangalore Genei (Merck),)	500gm	1x500gm	500gm
9	Ammonium sulphate (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck))	500gm	1x500gm	500gm
10	Bisacrylamide (mol grade)(genei)(Sigma-Aldrich,Bangalore Genei (Merck),)	100gm	1x100gm	100gm
11	Bovine serum albumin(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Himedia)	50gm	1x50gm	50gm
12	Bromophenol blue (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck),)	10gm	1x10gm	10gm
13	Cesium chloride (Sigma-Aldrich,Bangalore Genei (Merck),)	1kg	1x1kg	1kg
14	Chloroform (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck),)	500ml	5x500ml	500ml
15	Comassie brillinat blue(Sigma-Aldrich,Bangalore Genei (Merck),)	25gm	1x25gm	25gm
16	Diaminobenzidine(Sigma-Aldrich,Bangalore Genei (Merck),)	10gm	1x10gm	10gm
17	Diethyl amino cellulose (membrane filter 0.22 µm size, 2cm)(Millipore,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per pack of 100	3x100perpack	perpack

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
18	Diethyl amino cellulose (membrane filter 0.22 µm size, 4cm)(Millipore,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per pack of 100	3x100perpack	perpack
19	Diethyl pyrocarbonate(Sigma-Aldrich,Bangalore Genei (Merck),)	50ml	4x50ml	50ml
20	Disodium EDTA (MOL GRADE)(Sigma-Aldrich,Bangalore Genei (Merck),Himedia)	500gm	1x500gm	500gm
21	DNA extraction kit (From stool)(Qiagen,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per Kit consist of 50 reaction	2 kits	per kit
22	DNA extraction kit {blood sterile fluid} (Qiagen,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per Kit consist of 50 reaction	6x50reaction	per kit
23	DNA extraction kit {blood sterile fluid}(tissue culture)(Qiagen,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per Kit consist of 50 reaction	4x50reaction	per kit
24	Ethidium bromide (Sigma-Aldrich,Bangalore Genei (Merck),)	10gm	10x10gm	10gm
25	Ethyl alcohol (Mol grade) 100% (Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	500ml	50x500ml	500ml
26	Glycine (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck),)	1kg	1x1kg	1kg
27	Goat anti-human IgG HRP(Dako,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	5ml	1x5ml	5ml

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
28	Goat anti-rabbit IgG HRP(Dako,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	5ml	1x5ml	5ml
29	Guanidine thiocyanate(Sigma-Aldrich,Bangalore Genei (Merck))	500gm	5x500gm	500gm
30	Isopropyl alcohol (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck))	500ml	10x500ml	500ml
31	Isoamyl alcohol (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck))	500ml	10x500ml	500ml
32	Loading dye (mol grade)(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	5ml Of 6X	15x5ml	5ml
33	Lysostaphin(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck))	25gm	5x25gm	25gm
34	Lysozyme (mol grade)(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	25gm	5x25gm	25gm
35	Master mix (PCR) 100 µmol)(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	50 reaction	50x100 reaction	50reaction
36	Methanol (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck),)	500ml	10x500ml	500ml
37	NaCl (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck))	500gm	1x500gm	500gm
38	Nitrocellulose membrane (30X30 cm) (pore size 0.2 µm)(Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen,Millipore)	perpack	1pack	pack
39	Parafilm(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	per roll	10rolls	per roll

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
40	10X TAE buffer(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	1000 MI	5x1000 ml	1000ml
41	Phenol (HPLC mol grade)(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	500ML	4X500ML	500ML
42	Primers(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	per base pair	5000 base pair	per base pair
43	Powdered glass (ground glass powdered suspension (Glass milk))(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per pack	2pack	per pack
44	Protinase K (Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	50 grm	1x50gm	50gm
45	RNA EXTRACTION KIT (Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per Kit consist of 50 reaction	10x50reaction	perkit
46	Sucrose Mol Grade(Sigma-Aldrich,Bangalore Genei (Merck))	50 grm	1x50	50gm
47	Silicon beads(Sigma-Aldrich,Bangalore Genei (Merck))	Per pack	1pack	per pack
48	Sodium citrate (Sigma-Aldrich,Bangalore Genei (Merck))	500gm	4x500gm	500gm
49	Skim milk powder(Sigma-Aldrich,Bangalore Genei (Merck),Himedia,Difco)	500gm	4x500gm	500gm
50	SYBR green mastermix universal(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	50 reaction	5x50reaction	50reaction

Sl. No.	Name of the Items	Pack Size Acceptable	No. of Unit Reqd	Rate must be quoted per unit given below
51	Taq polymerase(Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	500 unit	1x500unit	500unit
52	TEMED(Sigma-Aldrich,Bangalore Genei (Merck))	500ml	2x500ml	500ml
53	Tris base (mol grade)(Sigma-Aldrich,Bangalore Genei (Merck))	500gm	4x500gm	500gm
54	Tris saturate phenol (HPLC / mol grade)(Sigma-Aldrich,Bangalore Genei (Merck))	500 ml	10x500ml	500ml
55	Trizol reagent (mol grade)(fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	per pack	1pack	per pack
56	Tween 20(Sigma-Aldrich,Bangalore Genei (Merck))	500 ml	1x500ml	500ml
57	Viral DNA extraction kit(Qiagen,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per Kit consist of 50 reaction	2x50reaction	Per Kit
58	Viral RNA extraction kit(Qiagen,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	Per Kit consist of 50 reaction	10x50reaction	Per Kit
59	Reverse transcriptase enzyme (Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	per ml	1ml	per ml
60	Goat anti-mouse IgG HRP(Dako,Fermentas,Sigma-Aldrich,Bangalore Genei (Merck),Invitrogen)	per ml	1ml	per ml
61	Real time primers probe mix	per base pair	500 base pair	per base pair

Note : 1. Samples required for selection