

Group-1 : DIAGNOSTIC KITS

S. No.	Name of the Item	Quantity
1	Anti Measles IgM ELISA (μ captured ELISA or sandwich ELISA)	6
2	Anti EBV IgM ELISA(μ captured ELISA or sandwich ELISA)	6
3	Anti Mumps IgM ELISA (μ captured ELISA or sandwich ELISA)	6
4	Anti Parvo-virus B-19 IgM ELISA(μ captured ELISA or sandwich ELISA)	6
5	Anti Vericella IgM ELISA (μ captured ELISA or sandwich ELISA)	6
6	Anti Measles IgG ELISA	12
7	ELISA Kit for Anti Rubella-IgG	10
8	ELISA Kit for Anti Rubella-IgM (based on micro-capture sandwich ELISA)	10
9	ELISA Kit for Anti CMV-IgM(based on micro-capture sandwich ELISA)	15
10	ELISA Kit for Anti HSV-II-IgM(based on micro-capture sandwich ELISA)	12
11	ELISA Kit for Anti HSV-I-IgM(based on micro-capture sandwich ELISA)	15
12	ELISA Kit for Anti RSV-IgM(based on micro-capture sandwich ELISA)	2
13	ELISA Kit for Anti InfluenzaA-IgM(based on micro-capture sandwich ELISA)	2
14	ELISA Kit for Anti InfluenzaB-IgM(based on micro-capture sandwich ELISA)	2
15	ELISA based IgM antibodies kit for Adenovirus	1 Kit
16	ELISA based antigen detection kit for Adenovirus	2 (90test/kit)
17	ELISA based antigen detection kit for RSV	2 (90test/kit)
18	ELISA based antigen detection kit for parainfluenza group (12,3,4)Kits	2 (90test/kit)
19	ELISA based antigen detection kit for mycoplasma	2 (90test/kit)
20	Rapid test detection of IgM Antibodies to S. Typhi	3
21	Rapid test detection of IgG Antibodies to S. Typhi	3
22	WIDAL Test Kit	4
23	Meningitis Latex Agglutination Kit	10
24	Staphylase(Rapid slide test for staphylococci)	2
25	Rota virus rapid test kit (20 Test / kit)	05 kit(20 x5).
26	Noro virus rapid test kit (20 Test / kit)	05 kit.(20 x 5).
27	Giardia parasite rapid test kit (20 Test / kit)	05 kit(20 x 5)..
28	Entamoeba histolytica rapid test kit (20 Test / kit)	05 kit (20 x 5).
29	Rota-Adenovirus (20 Test / kit)	03 kit(20 x 3)
30	Verotoxin / O157 Combi rapid (20 Test / kit)	02 kit(20 x 2).
31	Giardia- Entamoeba histolytica-cryptosporidium rapid test kit (20 Test / kit)	03 kits(20 x 3)
32	Clostridium difficile toxin A (TcdA) and toxin B (TcdB) Rapid test Kit (20 Test / kit)	03 kits(20 x 3)
33	Rotavirus antigen detection ELISA kit (96 Test / kit)	1 x 96
34	rRT-PCR based kit for diagnosis Parvo B-19 (96 Test / kit)	1
35	rRT-PCR based kit for diagnosis of EBV	1
36	rRT-PCR based kit for diagnosis of mumps	1
37	Multiplex PCR for Vericella, HSV,HHV6, for detection of acute encephalitis cases	1 (for 1000 T)
38	DNA isolation kit from Blood & Tissues (250 rxn)	10
39	DNA isolation Kit from Serum/CSF/Urine (50 rxn)	8
40	Microcon/Centicon-30 (100/box)	5
41	Microcon/Centicon-100 (100/box)	5
42	Ce43ntriSep Spin Column(100/pkt)	5
43	DNA PCR Kit (50 μ l per Rxn for 100 or 200 Tests wastage, No other pack size will be acceptable)	36
44	One-Step RT-PCR Kit (50 μ l per Rxn for 100 or 200 Tests OR 100 μ l per Rxn for 50 or 100 Tests) To avoid wastage, No other pack size will be acceptable	9
45	cDNA archive kit for converting viral RNA into cDNA from very low viral copy in precious clinical samples	8

46	FITC Conjugate Anti Human IgG	25 vials each containing 0.5 mcg
47	Anti Human IgG HRPO Conjugate Sigma <u>A 8775</u>	2ml x 2 vials
48	Kala-azar detect/rapid diagnostic kit for detection of visceral Leishmania antigen in human sera sample	100 strips x 15
49	IgG ELISA 96 well Neurocysticercosis kits	6 kits
50	96 well ELISA kit for Echinococcus granulosus (Hydatid disease) for antibody detection	6 kits to be procured at interval of 3 months
51	96 well IgG ELISA kit for Borrelia burgdorferi (Lyme Disease)	3 kits
52	96 well IgM ELISA kit for Borrelia burgdorferi (Lyme Disease)	3 kits
53	Immunoblot Assay for IgM antibodies to Borrelia burgdorferi (Lyme disease)	5 kits
54	Immunoblot Assay for IgG antibodies to Borrelia burgdorferi (Lyme disease)	5 kits
55	96 well IgG ELISA kit for Rickettsia prowazekii	2 kits
56	96 well IgM ELISA kit for Rickettsia prowazekii	3 kits
57	IgG ELISA kit for Rickettsia typhi 96 well	2 kits
58	IgM ELISA kit for Rickettsia typhi 96 well	3 kits
59	IgG ELISA kit for Rickettsia conorii 96 well	2 kits
60	IgM ELISA kit for Rickettsia conorii 96 well	6 kits
61	Scrub typhus IgM & IgG rapid immuno chromtic graphic Assay	8 kits
62	Multi test strip sticks scrub recombinant assay	4 kits
63	Orientia tsutsugamushi (scrub typhus) 96 well IgM ELISA	10 kits
64	Orientia tsutsugamushi (scrub typhus) 96 well IgG ELISA	4 kits
65	IFA kit for Rickettsioses, scrub typhus (Orientia) IgM & IgG	15 kits
66	Western Blot Immunoassay kit for Rickettsia	6 kits
67	IgM ELISA kit for Hanta virus 96 well	3 kits
68	IgG ELISA kit for Hanta virus 96 well	3 kits
69	IgM Capture ELISA kit for Dengue 96 well commercial	5 kits
70	IgM Capture ELISA kit for JE 96 well commercial	5 kits
71	Dengue NS-1 Antigen ELISA kit – 96 well (Commercial)	10 kits
72	Dengue NS-1 Antigen Rapid Strip test kit (25 strips)	15 Kits
73	Dengue IgM & IgG Rapid Strip Test kit (25 Test Strips) commercial	10 kits
74	Chikungunya IgM & IgG Rapid Strip Test kit (25 Test Strips) commercial	10 kits
75	Leptospira IgM Rapid test kit	25 kits
76	96 Well IgM ELISA kit for Leptospirosis	10 kits
77	Brucella abortus antigen (a homogenous suspension for serodiagnosis of beucellosis)	10 kits
78	IgM ELISA test kit for brucellosis – 96 well commercial	2 kits
79	Anti Nucleo Capsid Conjugate against Rabies (FITC)	80ml (20x4 vials)
80	ELISA Kit for detection of anti-rabies antibodies in human serum and plasma	8 kits
81	ELISA kit for Anti-rabies antibody titre estimation in dogs and cats	8 kits
82	Anti Human IgG (μ chain Specific) FITC antibodies	.5ml x 10 vials
83	Mouse monoclonal antibodies for JE	100 μ g x20
84	Anti mouse HRP conjugate	1 μ g x 10
85	Mouse monoclonal antibodies for Dengue type 1,2,3,4	100 μ g x10
86	DNA Extraction kits commercial (50 test)	6 kits
87	RNA Extraction kits (from sera) (50 test)	12 kits
88	RNA Extraction kits (from tissue) (50 test)	4kits x 250 Rx.
89	Toxaplasma ELISA kits (IgG) Avidity test	6 kits
90	Toxaplasma ELISA kits (IgM) Avidity test	6 kits

91	Immunochromatographic test for qualitative detection of Y.pestis	10X50 tests
92	Biochemical identification kits for enterobacteriaceae	200 strips
93	Plague antigen /antibody detection kits	2000 tests
94	Biochemical identification kits for Bacillus anthracis	50 kits
95	cDNA construction kit	4x100 Rx.
96	PCR product purification columns	10x100 Rx.
97	PCR Gel extraction kit	5x100 Rx.
98	RT PCR Kits (100 test)	12 kits
99	Sequencing PCR product purification columns	10x100 Rx.
100	Motility biochemical test kit for gram positive rods	12 kits
101	Discs for carbohydrate fermentation tests	12 vials (1 vial=25 discs)
102	4th Generation ELISA for HIV (96 Tests/ Kit with positive & negative control. Able to detect HIV-1 & 2 antibodies and HIV p24 antigen). Expiry of the kit should be at least 10 – 12 months at the time of delivery.	04 kits
103	3rd Generation ELISA HIV (96 Tests/ Kit with positive & negative control. Able to detect HIV-1 & 2 antibodies). Expiry of the kit should be at least 10 – 12 months at the time of delivery.	12 kits
104	Rapid test for HIV (Based on the <u>principle of Immunoconcentration</u> , must be able to differentiate HIV-1 and HIV-2 antibodies separately). Expiry of the kit should be at least 10 – 12 months at the time of delivery. [Pack size: 50 tests per kit]	600 tests
105	Rapid test for HIV (Based on the <u>principle of Immunochromatography/ lateral flow</u> , must be coated with highly purified antigens: gp120, gp 41 and p24 of HIV-1 and gp 36 of HIV-2, able to differentiate HIV-1 and HIV-2 antibodies separately). Expiry of the kit should be at least 10 – 12 months at the time of delivery. [Pack size: 50 tests per kit]	600 tests
106	Rapid test for HIV (Based on the <u>principle of dot/ immunospot</u>). Expiry of the kit should be at least 10 – 12 months at the time of delivery. [Pack size: 48 test per kit]	600 tests
107	Western Blot test for detection of HIV-1 antibody Expiry of the kit should be at least 10 – 12 months at the time of delivery. [Pack size: 25 tests per kit]	200 tests
108	Western Blot test for detection of HIV-2 antibody Expiry of the kit should be at least 10 – 12 months at the time of delivery. [Pack size: 18 tests per kit]	100 tests
109	ELISA for HBsAg (96 Test/ kit with positive and negative controls). Expiry of the kit should be at least 10 – 12 months at the time of delivery.	04 kits
110	Rapid test for HBsAg (Principle: Immunochromatography assay). Expiry of the kit should be at least 10 – 12 months at the time of delivery. [Pack size: 25 tests per kit]	400 tests
111	ELISA for HCV (96 Test/ kit with positive and negative controls). Expiry of the kit should be at least 10 – 12 months at the time of delivery.	04 kits

112	Rapid test for HCV (Principle: Dot assay). Expiry of the kit should be at least 10 – 12 months at the time of delivery. [Pack size: 25 tests per kit]	400 tests
113	Strip immunoassay for HCV (30 Tests/ kit with positive and negative controls). Expiry of the kit should be at least 10 – 12 months at the time of delivery.	02 kits
114	Rapid Plasma Reagin (RPR) (100 Tests/ kit with Positive and Negative controls. Each kit must have cards with applicators and should have long expiry).	06 kits
115	Treponema Palladium Hemagglutination Assay (TPHA) (200 tests per kit with Positive and Negative controls. Kit should test both serum and CSF. Kit should be of long expiry).	03 kits
116	Elisa kit for quantitative determination of human IL-6 concentrations in cell culture supernate, serum / plasma. --containing 96-wells microtitre strip plates. --short assay time: 3.5 hours. --small sample volume:50 µl ---Sensitivity: < 2 pg/ml. ---Storage temperature: 2-8°C	2 Kits
117	Elisa kit for quantitative determination of human IFN-γ concentrations in cell culture supernate, serum / plasma. -- containing 96-wells microtitre strip plates. --short assay time: 3.5 hours. --small sample volume:50 µl ---Sensitivity: < 5pg/ml ---Storage temperature: 2-8°C	2 Kits
118	Elisa kit for quantitative determination of human IL-4 concentrations in cell culture supernate, serum / plasma. --containing 96-wells microtitre strip plates. --short assay time: 3.5 hours. --small sample volume:50 µl ---Sensitivity: < 0.5pg/ml. ---Storage temperature: 2-8°C	2 Kits
119	Elisa kit for quantitative determination of human TNFα concentrations in cell culture supernate, serum and plasma. --containing 96-wells microtitre strip plates,. --short assay time: 3.5 hours. --small sample volume:50 µl ---Sensitivity: <10pg/ml. ---Storage temperature: 2-8°C	2 Kits
120	Elisa kit for quantitative determination of human IL8 concentrations in cell culture supernate, serum and plasma. --containing 96-wells strip microtitre plates,. ---Sensitivity: 7.5pg/ml ---Storage temperature: 2-8°C	2 kits
121	Elisa kit for quantitative determination of human IL12 concentrations in cell culture supernate, serum and plasma. --containing 96-wells strip microtitre plates,. ---Sensitivity: 5 pg/ml ---Storage temperature: 2-8°C	2 kits
122	Elisa kit for quantitative determination of human IL18 concentrations in cell culture supernate, serum and plasma. --containing 96-wells strip microtitre plates,. ---Sensitivity: 7.5 pg/ml ---Storage temperature: 2-8°C	2 kits

123	<p>Elisa kit for quantitative determination of human IL1 - beta concentrations in cell culture supernate, serum and plasma. --containing 96-wells strip microtitre plates, ---Sensitivity: 1 pg/ml ---Storage temperature: 2-8°C</p>	2 kits
124	<p>Cytomegalovirus IgM ELISA kit Each kit contains: --Purified Cytomegalovirus antigen coated microassay plate: 96 wells, configured in twelve 1x8 strips, stored in a foil pouch with desiccant,with Calibrator: Human serum or defibrinated plasma,Positive Control,negative Control,Horseradish-peroxidase (HRP) Conjugate,Serum Diluent,Wash Buffer,Chromogen/SubstrateI: Tetramethylbenzidine (TMB), Stop Solution: containing a 1N H2SO4 solution.</p>	2 kits
125	<p>Cytomegalovirus IgG ELISA kit Each kit contains: Purified Cytomegalovirus antigen coated microassay plate: 96 wells, configured in twelve 1x8 strips, stored in a foil pouch with desiccant,with Calibrator: Human serum or defibrinated plasma,Positive Control,negative Control,Horseradish-peroxidase (HRP) Conjugate,Serum Diluent,Wash Buffer,Chromogen/Substrate : Tetramethylbenzidine (TMB), Stop Solution: containing a 1N H2SO4 solution.</p>	2 kits
126	<p>CMV DNA Quantitation kit --Sample material: Human plasma. With CMV DNA extraction reagent, CMV Internal Control, CMV DNA amplification reagents, Taq polymerase, CMV detection reagents, detection limit 50 copies/ml, molecular grade water, kit manuals. -- quantification using real time PCR (open system).</p>	50 reactions
127	<p>HIV-1 RNA Quantitation kit --Sample material: Human plasma,HIV-1 RNA extraction reagent,HIV Internal Control, Reverse transcription-PCR-mix,Hot Start Taq Polymerase,TE-buffer, detection limit 50 copies/ml, with molecular grade water,with kit manuals -- quantification using real time PCR (open system).</p>	100 reactions
128	<p>HCV RNA Quantitation kit --Sample material: Human plasma, HCV RNA extraction reagent, lyophilized reagent mix containing HCV and internal Control RNA specific primers,Probes and dNTPs, amplification reagents with enhancer, detection limit 50 copies/ml, with molecular grade water, with kit manuals -- quantification using real time PCR (open system)</p>	50reactions
129	<p>DNA isolation kit:</p> <ul style="list-style-type: none"> • Isolation of genomic, Viral DNA from blood. • With high pure mini spin columns and filters, collection tubes (2ml.) • Including Protinase K. • No RNA, protein or degraded enzyme contamination. • Room temperature storage. • With instruction manual. 	50 reactions kits x 1
130	<p>Viral RNA Isolation kit:</p> <ul style="list-style-type: none"> • High RNA yield. • No DNA or protein contamination. • With mini spin columns and collection tubes (2ml). • Sources of isolation: plasma, serum. • Rnase-free buffers and reagents, carrier RNA <p>With instruction manual</p>	50 reactions x 1

131	One step RT-PCR Kit: - To analyze RNA from human plasma. - using thermostable rTth DNA polymerase. - suitable for qualitative, quantitative analysis of RNA with gel based detection methods. - Each kit should have enzyme mix, dNTP mix, RNase inhibitor, human control RNA, control primer mix, H ₂ O PCR grade, RT PCR reaction buffer, DTT solution, MgCl ₂ stock solution <ul style="list-style-type: none"> • -- The kit should be stable at -15° C to -25°C • With instruction manual 	50 tests x 1
132	PCR kit: <ul style="list-style-type: none"> • DNA/RNA amplification • With Taq DNA Polymerase • dNTP mix • PCR reaction buffer • 25 mM MgCl₂ solution • Uracil DNA glycosylase • With instruction manual 	50 reactions kits x 2
133	J.E. Antibody	100µg
134	Dengue Antibody	100µg
135	Conjugate	100µg
136	Vector Test Malaria Sporozoite Antigen Panel Assay	05 kits
137	Vector Test WNV Antigen Assay	05 kits
138	Vector Test Dengue Antigen Assay	05 kits
139	Vector Test JE Test Kit	05 kits
140	Vector Test Chikungunya Test Kits	05 kits
	a) RNA/DNA extraction kits from clinical samples	
141	DNA isolation kit from Blood & Tissues (250 rxn)	4
142	DNA isolation Kit from Serum/CSF/Urine (50 rxn)	3
143	DNA isolation kit from Plasmid (50 rxn)	2
144	UltraSens Virus kit (250 rxn)	2
145	Viral RNA mini kit (250 rxn)	8
146	DNAzol (250ml)	1
147	Trizol (100 ml)	1
148	RNA later or equivalent(100 ml)	2
149	RNA Storage solution (1ml x 10)	2
150	RNase Zap (250 ml)	12
151	DNA Zap (250ml)	12
152	PCR Purification Cleanup kit (50 rxn)	4
153	DNA Gel Extraction Kit (50 rxn)	2

	b) Cloning Kits & Restriction enzymes	
154	PCR Cloning Kit (20 Rxn)	4
155	Zero Blunt PCR Cloning Kit (20 Rxn)	1
156	XL PCR Cloning Kit (20 Rxn)	1
157	Bacterial strain DH α 5, Glycerol stock, 500ul	1
158	Bacterial strain JM101, Glycerol stock, 500ul	1
159	Bacterial strain JM109, Glycerol stock, 500ul	1
160	Msp I 3000 units	1
161	Eco RI 5000 units	1
162	Hind III 5000 units	1
163	Hae III 1000 units	1
	c) PCR and RT-PCR Kits	
164	Two-step RNA PCR Kit (50 μ l per Rxn for 100 or 200 Tests OR 100 μ l per Rxn for 50 or 100 Tests) To avoid wastage, No other pack size will be acceptable	4
	d) DNA ladders and loading dyes	
165	1kb DNA ladder	2
166	100 bp DNA ladder	10
167	50 bp DNA ladder	5
168	Gel loading Dye, 1ml	10
	e) Disease-specific PCR/Real-time qPCR kits	
	<i>Quantitative Real Time PCR kits (for viral copy number) for prognostic follow-up studies (with standards) for following diseases</i>	
169	Human Immunodeficiency virus (HIV-1) (50 tests)	6
170	Hepatitis B virus (HBV) (50 tests)	6
171	Hepatitis C virus (50 tests)	6
	f) Kits for Cytokine/Chemokine Estimation	
	<i>Human ELISA Kits (96 -100 tests per kit) for:</i>	
172	Human IL-1 β	2 kits
173	IL-8	2 kits
174	IL-10	2 kits
175	IFN – γ	2 kits
176	TNF α	2 kits
177	Anti HAV (IgM) μ capture	18 Kits
178	Anti HEV (IgM) μ capture	18 Kits
179	HBs Ag	20 Kits
180	Anti HBs	2 Kits
181	Anti HBc (IgM) μ capture	12 Kits
182	Anti HBc	5 Kits
183	HBe Ag	5 Kits

184	Anti HBe	4 Kits
185	Anti HCV (IgM) μ capture	10 Kits
186	Anti HCV	10 Kits
187	Anti HDV (IgM) μ capture	5 Kits
	Real Time PCR Kits	
188	RT PCR Kits for Quantification of HBV DNA	2 Kits
189	RT PCR Kits for Quantification of HCV RNA	2 Kits
	Extraction Kits	
190	DNA Isolation Kits (Serum/Body fluids)	2 Kits X250 rxns
191	RNA Isolation Kits (Serum)	2 Kits X250 rxns