

Sl. No.	Name of the Items	Acceptable Pack size at the time of supply	Rate per ml or per gram to be quoted	Method
Analytical grade chemicals Only				
1.	1-Chloro 2,4-dinitrobenzine – (AR Grade)	100 gram	Per gram	
2.	2 Mercaptoethanol	100 ml	Per ml	
3.	2,2'-Azobis-(2-amidinopropane)2 HCl (APH)	1g	Per gram	
4.	2,6 di chlorophenol indophenol	5- 25 g	Per gram	
5.	4- Chloro-1-naphthol – (AR Grade)	1 gram	Per gram	
6.	4- Methylumbelliferyl –a N-acetylneuraminic acid (sodium salt hydrate	25g	Per gram	
7.	4-Amino Antipyrine – (AR Grade)	25 g	Per gram	
8.	5,5-Dithio dis(2-nitrobenzoic Acid) – (AR grade)	1g	Per gram	
9.	8- Anilino-1-naphthalenesulfonic acid (ANSA)	100g	Per gram	
10.	2,2'-Azino-bis(3-ethylbenzthiazoline-6-sulphonic acid)(ABTS) – (AR grade)	1g	Per gram	
11.	Acetic Acid (Glacial) (Aldehyde free) – (AR grade)	500ml -2.5 L	Per ml	
12.	Acetic anhydride – (AR grade)	500ml	Per ml	
13.	Acetone	500ml -2.5 L	Per ml	
14.	Curcumin from glycine max	1-10g	Per gram	

15.	Adenosine Diphosphate(ADP) – (AR grade)	1g	Per gram	
16.	Alpha keto glutaric acid (AR grade)	10g-50g	Per gram	
17.	Alpha naphthol (AR grade)	25 -100g	Per gram	
18.	Alpha Tocopherol – (AR grade)	10-100g	Per gram	
19.	Amido black	25-100g	Per gram	
20.	Amino-acid kit (pack of 20 AA , one gm each)	20g	Per gram	
21.	Ammonia (AR grade)	500ml -2.5 L	Per ml	
22.	Ammonium ferrous sulfate (AR grade)	500g	Per gram	
23.	Ammonium molybdate (AR grade)	50-100g	Per gram	
24.	Ammonium oxalate – (AR grade)	100-500g	Per gram	
25.	Ammonium per sulphate	100-500g	Per gram	
26.	Ammonium sulphite	500g	Per gram	
27.	Ammonium Sulphate (AR grade)	500g	Per gram	
28.	Aniline	500ml	Per ml	
29.	Anthrone	100g	Per gram	
30.	Antimony trichloride	100g	Per gram	
31.	Arabinose	1-10g	Per gram	
32.	Arsenic acid (AR grade)	100g	Per gram	
33.	Ascorbic acid (AR Grade)	100-500g	Per gram	
34.	Barium chloride – (AR Grade)	500g	Per gram	
35.	Barium hydroxide (AR Grade)	500g	Per gram	
36.	Barium sulphate (AR Grade)	500g	Per gram	

37.	Beta glycerol phosphate – (AR Grade)	25g	Per gram	
38.	Bilirubin – (AR Grade)	1g	Per gram	
39.	Bis acrylamide – (AR Grade)	25-100g	Per gram	
40.	N-hydroxy succinimido biotin (BNHS) – (AR Grade)	100g	Per gram	
41.	Boric acid	500g	Per gram	
42.	Bovine serum Albumin – (AR Grade)	25-100g	Per gram	
43.	Brilliant blue R-250 – (AR Grade)	5-25g	Per gram	
44.	Bromine	2ml	Per ml	
45.	Bromocresol green (AR Grade)	10-50g	Per gram	
46.	Bromophenol blue (AR Grade)	10-50g	Per gram	
47.	Buffer liquid pH- 4	10 tablets per pack	Per tablet	
48.	Buffer liquid pH- 7	10 tablets per pack	Per tablet	
49.	Buffer liquid pH- 9	10 tablets per pack	Per tablet	
50.	Butanol - (AR Grade)	500ml-2.5L	Per ml	
51.	Butylated hydroxyl toluene	500ml	Per ml	
52.	Calcein – (AR Grade)	5g	Per gram	
53.	Calcium carbonate (AR Grade)	500g	Per gram	
54.	Calcium chloride (AR Grade)	500g	Per gram	
55.	Carbon tetra chloride – (AR Grade)	500ml	Per ml	
56.	Casein	500g	Per gram	

57.	Chloroform (AR Grade)	500ml-2.5L	Per ml	
58.	Chlorophenol red (AR Grade)	10-50g	Per gram	
59.	Cholesterol	100-500g	Per gram	
60.	Citric acid (AR Grade)	500g	Per gram	
61.	Concanavalin A biotin conjugated, Type IV	2-10mg	Per gram	
62.	Concanavalin A FITC conjugated, Type IV	2-10mg	Per mille gram	
64.	Copper acetate (AR Grade)	500g	Per gram	
65.	Copper sulphate (AR Grade)	500g	Per gram	
66.	Creatinine (AR Grade)	10-25g	Per gram	
67.	Dextrin	500g	Per gram	
68.	Diacetyl monoxime (AR Grade)	50-100g	Per gram	
69.	Diamino benzidine (DAB) – (AR Grade)	1-25g	Per gram	
70.	Diethyl barbituric acid	100-500g	Per gram	
71.	Dinitro phenyl hydrazine	100-500g	Per gram	
72.	Dipotassium hydrogen phosphate – (AR Grade)	500g	Per gram	
73.	Disodium hydrogen arsenate –(AR Grade)	250-500g	Per gram	
74.	Disodium hydrogen phosphate – (AR Grade)	500g	Per gram	
75.	Disodium phenyl phosphate – (AR Grade)	25-100g	Per gram	
76.	D-L Alanine (AR grade)	100g	Per gram	

77.	D-L Aspartic acid (AR grade)	100g	Per gram	
78.	DL Buthionine sulfoximine	1g	Per gram	
79.	DL-Dithiothreitol – (AR Grade)	5g	Per gram	
80.	Drabkin’s reagent with hemoglobin standard	500ml	Per ml	
81.	EDTA (Molecular grade) –	100-500g	Per gram	
82.	Ethanol	500ml	Per ml	
83.	Ether solvent – (AR Grade)	500ml	Per ml	
84.	Ethyl acetate – Analytical grade	500ml-2.5L	Per ml	
85.	Ethyl acetoacetate (AR Grade)	500ml	Per ml	
86.	Ferric ammonium sulfate (AR Grade)	500g	Per gram	
87.	Ferric chloride anhydrous (AR Grade)	100-500g	Per gram	
88.	Ferrous sulphate (AR Grade)	500g	Per gram	
89.	Fluorescein isothiocyanate (FITC) – (AR Grade)	1g	Per gram	
90.	Formaldehyde – (AR Grade)	500ml	Per ml	
91.	Fructose (AR Grade)	500g	Per gram	
92.	Gelatine (AR Grade)	500g	Per gram	
93.	Glucose (AR Grade)	500g	Per gram	
94.	Glutathione reduced – (AR Grade)	1-5g	Per gram	
95.	Glycerol – (AR Grade)	500ml	Per ml	
96.	Glycine – (AR Grade)	100-500g	Per gram	
97.	Gum Acacia	500g	Per gram	
98.	HEPES – (AR Grade)	500g	Per gram	

99.	Hydrochloric acid (AR Grade)	500ml-2.5L	Per ml	
100.	Hydrogen peroxide 30% (AR Grade)	100-500ml	Per ml	
101.	Inulin	100g	Per gram	
102.	Iodine (AR Grade)	100g	Per gram	
103.	Isatin	5g	Per gram	
104.	Agarose (AR Grade)	25-100g	Per gram	
105.	Lactose (AR Grade)	500g	Per gram	
106.	Lead acetate (AR Grade)	500g	Per gram	
107.	Lead oxide (AR Grade)	500g	Per gram	
108.	Lectin from arachis hypogea biotin conjugated ; Lyophilized powder	0.5mg	Per mille gram	
109.	Lipoic acid – (AR Grade)	25g	Per gram	
110.	Magnesium acetate	100-500g	Per gram	
111.	Magnesium chloride	500g	Per gram	
112.	Magnesium sulphate (Molecular Biology grade)	500g	Per gram	
113.	Maltose (AR grade)	500g	Per gram	
114.	Membrane Protein extraction solution	50 preparations	Per preparations	
115.	Mercuric nitrate (AR grade)	100-500g	Per gram	
116.	Mercuric sulphate (AR grade)	100-500g	Per gram	
117.	Mercury (AR grade)	100-250g	Per gram	
118.	Methanol –AR	500ml-2.5L	Per ml	
119.	Molybdic acid	100g	Per gram	

120.	N-Acetyl cysteine (AR Grade)	100 gram	Per gram	
121.	N-acetyl neuraminic acid – AR	100 mg	Per gram	
122.	NAD –AR	1g	Per gram	
123.	NADH –AR	500 mg	Per gram	
124.	NADP –AR	100 mg	Per gram	
125.	NADPH –AR	100 mg	Per gram	
126.	Ninhydrin –AR	10-100g	Per gram	
127.	Nitric acid (AR grade)	500ml-2.5L	Per ml	
128.	NP 40 (Molecular Biology grade)	100 ml	Per ml	
129.	Oleic acid (AR grade)	100-500ml	Per ml	
130.	Orcinol	1-5g	Per gram	
131.	O-Tolidine – AR (Powder)	100g	Per gram	
132.	Oxalic acid	500g	Per gram	
133.	Panceau-S –AR	25g	Per gram	
134.	Para dimethyl aminobenzaldehyde (AR grade)	100g	Per gram	
135.	Perchloric acid – HPLC grade	500 ml	Per ml	
136.	Phenol	100-500g	Per gram	
137.	Phenol reagent(Folin ciocalteu)	100ml	Per ml	
138.	Phenolphthalein	5-50g	Per gram	
139.	Phenyl hydrazine hydrochloride (AR grade)	500g	Per gram	
140.	Phenylmethylsulfonyl fluoride	1-5g	Per gram	

141.	Phloroglucinol (AR grade)	10g	Per gram	
142.	Phosphoric acid (AR grade)	500ml-2.5L	Per ml	
143.	Phosphotungstic acid –AR	100g	Per gram	
144.	Picric acid (AR grade) (Solid)	500g	Per gram	
145.	Potassium bromide (AR grade)	100-500g	Per gram	
146.	Potassium chloride (AR grade)	100-500g	Per gram	
147.	Potassium dihydrogen phosphate	500g	Per gram	
148.	Potassium ferricyanide (AR grade)	500g	Per gram	
149.	Potassium iodide (AR grade)	100g	Per gram	
150.	Potassium oxalate (AR grade)	500g	Per gram	
151.	Potassium sulphate – AR	500g	Per gram	
152.	Potassium thiocyanate (AR grade)	100g	Per gram	
153.	P-Phenylenediamine dihydrochloride AR	100-500g	Per gram	
154.	ProbucoI –AR	100g	Per gram	
155.	Protein A-Agarose	5 ml	Per ml	
156.	Pyruvic Acid –AR	100ml	Per ml	
157.	Random primers	25 reactions	Per reaction	
158.	Resorcinol –AR	100g	Per gram	
159.	Ribose –AR	1-5g	Per gram	
160.	Ristocetin Sulphate (for diagnosis of bleeding disorder)	100-250mg	Per mille gram	

161.	RNAase inhibitor	250 µl	Per ul	
162.	RPMI – medium	500ml	Per ml	
163.	Sephrose CL 2B	50-100ml	Per ml	
164.	Silica gel G –AR	500g-1kg	Per gram	
165.	Silica gel readymade TLC plate	250gram	Per gram	
166.	Silver nitrate (AR grade)	50-100g	Per gram	
167.	Sodium acetate	500g	Per gram	
168.	Sodium arsenate	500g	Per gram	
169.	Sodium azide	50g	Per gram	
170.	Sodium beta glycerophosphate	500g	Per gram	
171.	Sodium bicarbonate (AR grade)	500g	Per gram	
172.	Sodium bisulphite (AR grade)	500g	Per gram	
173.	Sodium carbonate (AR grade)	500g	Per gram	
174.	Sodium Chloride (extra pure)	500g	Per gram	
175.	Sodium citrate –AR	500g	Per gram	
176.	Sodium diethyl barbituric acid	500g	Per gram	
177.	Sodium dihydrogen phosphate –AR	500g	Per gram	
178.	Sodium dodecyl sulphate (SDS) –AR	500g	Per gram	
179.	Sodium hydrosulphite (AR grade)	100g	Per gram	
180.	Sodium hydroxide – AR	500g	Per gram	
181.	Sodium molybdate	100-500g	Per gram	
182.	Sodium nitrate (AR grade)	500g	Per gram	

183.	Sodium nitrite –AR	500g	Per gram	
184.	Sodium nitroprusside (AR grade)	25-100g	Per gram	
185.	Sodium orthovanadate (AR grade)	10-50g	Per gram	
186.	Sodium periodic acid	25-100g	Per gram	
187.	Sodium potassium tartarate (AR grade)	500g	Per gram	
188.	Sodium pyruvate –AR	25-100g	Per gram	
189.	Sodium Sulphate (AR grade)	500g	Per gram	
190.	Sodium sulphite (AR grade)	500g	Per gram	
191.	Sodium thiocyanate	500g	Per gram	
192.	Sodium tungstate(molybdate free) –AR	100-500g	Per gram	
193.	Stannous chloride (AR grade)	100g	Per gram	
194.	Starch (AR grade) from Corn	500g	Per gram	
195.	Starch (AR grade) from potato	500g	Per gram	
196.	Steric acid (AR grade)	500ml	Per ml	
197.	Sucrose	500g	Per gram	
198.	Sudan black –AR	5-25g	Per gram	
199.	Sulfosalicylic acid	500g	Per gram	
200.	Sulphanilic acid	100g	Per gram	
201.	Sulphur power –AR	500g	Per gram	
202.	Sulphuric acid (AR grade)	500ml-2.5L	Per ml	
203.	TEMED	100ml	Per ml	

204.	Thiobarbituric acid – AR	25-100g	Per gram	
205.	Thiosemicarbazide – AR	10-100g	Per gram	
206.	Thiourea	500g	Per gram	
207.	Thrombin from bovine plasma	1000-100000U	Per unit	
208.	Thymol (AR grade)	500g	Per gram	
209.	Thymolphthalein (AR grade)	50g	Per gram	
210.	TPTZ (2,4,6 Tris-2(pyridyl)1,3,5-Triazine	1-5g	Per gram	
211.	Trichloroacetic acid (AR grade)	500g	Per gram	
212.	Trinitro benzene sulphanic acid –AR	25 gram	Per gram	
213.	Tris	500g	Per gram	
214.	Triton X 100 –AR	500 ml	Per ml	
215.	Trizma hydrochloride (Tris HCl)	500g	Per gram	
216.	Trizol reagent	100-500ml	Per ml	
217.	Trypan blue (AR grade)	1-5g	Per gram	
218.	Tween 20 –AR	500ml	Per ml	
219.	Tween 80 –AR	500ml	Per ml	
220.	Universal indicator	500ml	Per ml	
221.	Urea	500g	Per gram	
222.	Uric acid (AR grade)	25g	Per gram	
223.	Vanillin (AR grade)	10g	Per gram	
224.	Xylene 500 ml	500ml	Per ml	
225.	Xylenol orange (AR grade)	5-25g	Per gram	

226.	Zinc Sulphate –AR	500g	Per gram	
227.	β Hydroxy Citrate	500gm	Per gram	
228.	Extran MAO3 Phosphate free	5L	Per ml	
229.	Trichloroacetic acid	500 gm	Per gram	
230.	(-)Hydroxycitric acid	500 gm	Per gram	
231.	(-)Hydroxycitric acid water soluble extract	500 gm	Per gram	
232.	(-)Hydroxycitric acid lipid soluble extract	500 gm	Per gram	

Please note:

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2. The grade of chemical quoted should be clearly mentioned.

Molecular Grade chemicals				
1.	1,1 diphenyl 2 picryl hydrazyl (DPPH)	1-5g	Per gram	
2.	100 base pair ladder	50 runs		
3.	2 Mercaptoethanol (Molecular grade)	100ml	Per ml	
4.	Color markers for SDS-PAGE and protein transfer High range (29,000 – 200,000 daltons)	500 µl	Per ul	
5.	2-deoxy ¹⁴ C labelled D-glucose	100microCi- 1mCi		
6.	3-(4,5 dimethyl thiazol-2-yl)- 2,5 diphenyl tetrazolium bromide (MTT)	100mg-1g	Per gram	
7.	6x DNA Loading Dye	1ml	Per ml	
8.	Acetic acid (HPLC grade)	500ml	Per ml	
9.	Acetonitrile (HPLC grade)	500 -2500ml	Per ml	
10.	Acrylamide for electrophoresis	100 – 500g	Per gram	

11.	ADP	1g	Per gram	
12.	Agarose (Molecular grade)	500g	Per gram	
13.	Agarose high resolution (Molecular grade)	25 -100g	Per gram	
14.	Alpha lipoic acid	100mg-1g	Per gram	
15.	Ammonium persulphate(APS)	500g	Per gram	
16.	AMV reverse transcriptase	5000 units	Per units	
17.	Aprotinin	100-250mg	Per mille gram	
18.	Ascorbic acid	100-500g	Per gram	
19.	Beta glycerophosphate	500g	Per gram	
20.	Bis Acrylamide, molecular grade	500 g	Per gram	
21.	Boric acid (Molecular grade)	500g	Per gram	
22.	Bovine serum albumin liquid	10ml	Per ml	
23.	Bovine serum albumin Powder	10g	Per gram	
24.	Bradford reagent for protein assay	500ml	Per ml	
25.	Calcium chloride	100g	Per gram	
26.	Chloroform (molecular grade)	500 ml	Per ml	
27.	Co-massie Brillaint Blue R250	25g	Per gram	
28.	Dexamethasone	1-5g	Per gram	
29.	Diethyl pyro carbonate (DEPC) – Molecular grade	5 ml	Per ml	
30.	DL-Dithiothreitol – (Molecular grade)	5 -25gms	Per gram	
31.	DMEM Medium (with 4.5 g/l glucose, L glutamine, sod bicarbonate, sterile liquid)-ready to use	500ml	Per ml	

32.	DTNB	1-25g	Per gram	
33.	ECL western blotting detection reagents (2 x 250 ml)	1 pack	Per pack	
34.	EDTA (Molecular grade)	100g	Per gram	
35.	Genistein from glycine max	5-10mg	Per gram	
36.	Genistin from glycine max	1-5mg	Per gram	
37.	Glycitin from glycine max	5-25 mg	Per gram	
38.	Soy total isoflavones from glycine max	1-5g	Per gram	
39.	Ethanol, molecular grade	500 ml	Per ml	
40.	Ethidium bromide (Molecular grade)	25 gram	Per gram	
41.	Ficoll Histopaque	500 ml	Per ml	
42.	First strand cDNA synthesis kits	50 reactions	Per reaction	
43.	Formaldehyde	500 ml	Per ml	
44.	Formaldehyde (37%)	500 ml	Per ml	
45.	Gallic acid	250 g	Per gram	
46.	Glycerol (Molecular grade)	500 ml	Per ml	
47.	Glycine (Molecular grade)	500 g	Per gram	
48.	HEPES (Molecular grade)	500 g	Per gram	
49.	Hexanol (Molecular grade)	500 ml	Per ml	
50.	Nitro blue tetrazolium	100mg	Per gram	
51.	Nitrocellulose membranes for blotting (0.2 µm)	20 x 20 cm	Per pack	
52.	Nitrocellulose membranes for blotting (0.45 µm)	20 X 20 cm	Per pack	
53.	Octane	500 ml	Per ml	
54.	Okadaic acid	25 -50 mg	Per mg	

55.	One tube hot start AMV RT-PCR – Kit	100 reactions	Per reaction	
56.	PCR master mix (2x)(with 100bp DNA ladder)	50 reactions	Per reaction	
57.	Penicillin	1- 5 g	Per gram	
58.	Pepstatin / bestatin	5 mg	Per mille gram	
59.	Phenol (Molecular grade)	500 g	Per gram	
60.	Phenol Equilibrated with Tris &EDTA	400 ml	Per ml	
61.	Phenol:Chloroform:Is oamyl Alcohol 25:24:1	400 ml	Per ml	
62.	Phenyl methyl sulfonyl fluoride (PMSF)	1 g	Per gram	
63.	Polyethylene glycol (Molecular grade)	25 ml	Per ml	
64.	Ponceau S stain powder	25 g	Per gram	
65.	Proteinase K	100 – 500 mg	Per gram	
66.	Quantitative RT-PCR Kit	100 reactions	Per reaction	
67.	Red dye PCR master mix with 100 bp DNA ladder	50 reactions	Per reaction	
68.	RNA extraction kit	1	Per kit	
69.	Sodium acetate (molecular grade)	500 g	Per gram	
70.	Sodium deoxy cholate	1 g	Per gram	
71.	Real time PCR kit	100 reactions	Per reaction	
72.	Sodium dodecylsuphate (SDS) –(Molecular grade)	500 gram	Per gram	
73.	Sodium hypochlorite	500 ml	Per ml	

74.	Penicillin-Streptomycin solution(tissue culture grade)	100 ml	Per ml	
75.	Superoxide dismutase from bovine erythrocytes; ammonium sulfate suspension	75,000 units	Per units	
76.	TEMED (Molecular grade)	100 ml	Per gram	
77.	Tetracycline HCl sterile (tissue culture grade)	5g	Per gram	
78.	Trizol reagent (Molecular grade)	100 ml	Per ml	
79.	Troxax	1 g	Per gram	
80.	Tween 20	500 ml	Per ml	
81.	Two step AMV RT-PCR kit	50 reactions	Per reaction	
82.	Urea (Molecular grade)	500 g	Per gram	

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Requirement for Glassware / Miscellaneous

1	T.Tube washing brush with sponge tip protection, Nylon 125mm	Per piece	Per piece	
2	Filter paper 41x41cm(Ordinary)	500/ ream	Per Ream	
3	Whatman No.41 circle 9 cm (100/pack)	100/pack	Per Pack	
4	Whatman No.41 circle 10 cm (100/pack)	100/pack	Per Pack	
5	Whatman No.41 circle 12.5 cm (100/pack)	100/pack	Per Pack	
6	Whatman No.1, 2x2feet(100/pack)	100/pack	Per Pack	

7	Whatman No.3, 2x2feet (100/pack)	100/pack	Per Pack	
8	4-15 % Linear gradient ready gel 10 well	10 gels	Per Pack	
9	4-20 % Linear gradient ready gel 10 well	10 gels	Per Pack	
10	10-20 % Linear gradient ready gel 10 well	10 gels	Per Pack	
11	Polyvinylidene difluoride membrane (0.45 µm)	26.5 cm x 3.75 m	Per Pack	
12	Nitrocellulose membranes for blotting (0.45 µm)	20 x 20 cm	Per Pack	
13	Litmus paper –(Blue & Red)	25 leaf/pack	Per Pack	
14	Stir Bar kit with minimum of 16 assorted bars	1 set	Per Set	
15	Stir bar retriever of approximately 40 cm	Per piece	Per piece	
16	Freezer rack to hold minimum of 5 microtube storage boxes	Per piece	Per piece	
17	Cryovial workstation rack places for 50 vials	Per piece	Per piece	
18	3-way racks to hold 0.2 ml, 0.5ml and 1.5 ml vials simultaneously	Per piece	Per piece	
19	4 way flipper rack to hold 15 ml, 50ml, 1.5 ml, 0.5 ml tubes.	Per piece	Per piece	
20	Round float rack for 20, 1.5 ml tubes	Per piece	Per piece	

21	Double side micro-tube racks to store 1.5 ml and 0.5 ml tubes	Per piece	Per piece	
22	Freezer racks horizontal with 16 shelves of box height 2" should be of corrosion resistant stainless steel with handles	Per piece	Per piece	
23	Freezer racks vertical with 8 shelves of box height 3" should be of corrosion resistant stainless steel with handles	Per piece	Per piece	
24	Quick freeze cooler for 12 x 1.5 ml tubes for quick chilling of specimens	Per piece	Per piece	
25	PCR mini-cooler - 20OC; capacity 0.2 ml x 96 places	Per piece	Per piece	
26	Mini – cooler with gel filled cover for 1.5 ml x 32 places	Per piece	Per piece	
27	Plastic PP funnel 75mm(dia)	10/pack	Per Pack	
28	Plastic PP funnel 150mm(dia)	10/pack	Per Pack	
29	Borosil glass test tube 1.5 x 15 cm	100/pack	Per Pack	
30	Borosil glass test tube 2.0 x 15 cm	100/pack	Per Pack	
31	Test tube holder	Per piece	Per piece	
32	Plastic LDPE Reagent stoppered bottles 125ml	10/pack	Per Pack	
33	Plastic LDPE Reagent stoppered bottles 250ml	4/pack	Per Pack	

34	Plastic LDPE Wash bottle 500ml	4/pack	Per Pack	
35	Plastic LDPE Dropping bottle 60ml	10/pack	Per Pack	
36	Glass wide mouth stoppered bottle 125ml	10/pack	Per Pack	
37	Rubber cork 3cm	100/pack	Per Pack	
38	Plastic TPX Beaker 1L	2/pack	Per Pack	
39	Plastic TPX Beaker 500ml	2/pack	Per Pack	
40	Plastic TPX Beaker 250ml	4/Pack	Per Pack	
41	Plastic TPX Beaker 100ml	10/Pack	Per Pack	
42	Plastic PP Conical flask 2L	2/pack	Per Pack	
43	Plastic PP Conical flask 1L	2/pack	Per Pack	
44	Plastic PP Conical flask 500ml	2/pack	Per Pack	
45	Plastic PP Conical flask 250ml	4/pack	Per Pack	
46	Plastic PP Conical flask 50ml	10/pack	Per Pack	
47	Plastic TPX Measuring cylinder 1L	2/pack	Per Pack	
48	Plastic TPX Measuring cylinder 500ml	2/pack	Per Pack	
49	Plastic TPX Measuring cylinder 250ml	2/pack	Per Pack	
50	Plastic TPX Measuring cylinder 100ml	2/pack	Per Pack	
51	Plastic TPX Measuring cylinder 50ml	2/pack	Per Pack	

52	Plastic TPX volumetric flask 1L	2/pack	Per Pack	
53	Plastic TPX volumetric flask 500ml	2/pack	Per Pack	
54	Plastic TPX volumetric flask 250ml	2/pack	Per Pack	
55	Plastic TPX volumetric flask 100ml	2/pack	Per Pack	
56	Plastic TPX volumetric flask 50ml	2/pack	Per Pack	
57	Borosil Glass Pipette 0.1ml	10/Pack	Per Pack	
58	Borosil Glass Pipette 0.2ml	10/Pack	Per Pack	
59	Borosil Glass Pipette 0.5ml	10/Pack	Per Pack	
60	Borosil Glass Pipette 1.0ml	10/Pack	Per Pack	
61	Borosil Glass Pipette 2.0ml	10/Pack	Per Pack	
62	Borosil Glass Pipette 5.0ml	10/Pack	Per Pack	
63	Borosil Glass Pipette 10.0ml	10/Pack	Per Pack	
64	Plastic TPX Pipette 0.1ml	10/Pack	Per Pack	
65	Plastic TPX Pipette 0.2ml	10/Pack	Per Pack	
66	Plastic TPX Pipette 0.5ml	10/Pack	Per Pack	
67	Plastic TPX Pipette 1ml	10/Pack	Per Pack	
68	Plastic TPX Pipette 2ml	10/Pack	Per Pack	
69	Plastic TPX Pipette 5ml	10/Pack	Per Pack	
70	Plastic TPX Pipette 10ml	10/Pack	Per Pack	

71	Borosil Glass Burette with attached reservoir 2ml	Per piece	Per piece	
72	Borosil Glass Burette with attached reservoir 25ml	Per piece	Per piece	
73	Plastic TPX Burette 2ml	Per piece	Per piece	
74	Plastic TPX Burette 25ml	Per piece	Per piece	
75	Distillation set	1 Set	1 Set	
76	Porcelain cup 75mm (Diameter)	Piece	Per Piece	
77	Storage Vial PP/HDPE 2ml, 0.5ml , and 1.5ml	100/Pack	Per Pack	
78	Storage Box 0.5ml vial capacity with 50 places	Per piece	Per piece	
79	Ria tube PP 12 x 75 mm with cap	500/Pack	Per Pack	
80	Polygrip RPP stand with teeth, 90 places 13mm (diameter)	Piece	Per Piece	
81	Pipette top PP/Silicone Cap.1-100ml with vacuum leaver and switch to control aspiration and dispensing with 5 additional transducer	Per piece	Per piece	
82	Burette stand PP 30 x 20 (l x b) cm with clamp	Per piece	Per piece	
83	Wash bottles 200ml	2/Pack	Per Pack	
84	Wash bottles 500ml	2/Pack	Per Pack	
85	Glass-plates for vertical slab gel electrophoresis; 11cm´11.5cm	10/Pack	Per Pack	

86	Polypropylene Clamp set for Western blotting cassettes of size 10cm '10cm	Per Piece	Per Piece	
87	Mineral oil for 2 D electrophoresis	500ml	Per ml	
88	15 ml conical bottom centrifugation tubes autoclavable – pack of 100	Per piece	Per piece	
89	50 ml conical bottom centrifugation tubes autoclavable – pack of 100	Per piece	Per piece	
90	Foam plugs 35-45 mm pack of 100	Per piece	Per piece	
91	Foam plugs 46-50 mm pack of 100	Per piece	Per piece	
92	Ice buckets of 4500 ml capacity	Per piece	Per piece	
93	Autoclavable variable volume adjustible pipette 0.5-10μl	Per piece	Per piece	
94	Autoclavable variable volume adjustible pipette 2-20μl	Per piece	Per piece	
95	Autoclavable variable volume adjustible pipette 20-200 μl	Per piece	Per piece	
96	Autoclavable variable volume adjustible pipette 100 μl -1000 μl	Per piece	Per piece	
97	Autoclavable variable volume adjustible pipette 0.1-2 μl	Per piece	Per piece	
98	Autoclavable variable volume adjustible pipette 10-100μl	Per piece	Per piece	
99	Autoclavable variable volume adjustible pipette 1-5 ml	Per piece	Per piece	

100	Autoclavable variable volume adadjustible pipette 1ml -10 ml	Per piece	Per piece	
101	Autoclavable variable repetitive syringe dispenser 50 µl -50 ml with stepper and adaptor	Per piece	Per piece	
102	Autoclavable variable repetitive syringe dispenser µl 25-125 ml with stepper and adaptor	Per piece	Per piece	
103	Autoclavable variable repetitive syringe dispenser µl 100-500 ml with stepper and adaptor	Per piece	Per piece	
104	Combs for vertical gel electrphoresis(1mm thick, 8 well)	Per piece	Per piece	
105	Combs for vertical gel electrphoresis(1mm thick, 10 well)	Per piece	Per piece	
106	Combs for vertical gel electrphoresis(1.5 mm thick, 8well)	Per piece	Per piece	
107	Combs for vertical gel electrphoresis(1.5 mm thick, 10 well)	Per piece	Per piece	
108	Combs for vertical gel electrphoresis(1mm thick, 12 well)	Per piece	Per piece	
109	Combs for vertical gel electrphoresis(1.5 mm thick, 12 well)	Per piece	Per piece	
110	Set of 3 spacers for vertical gel electrphoresis(1mm thick,5.5 cm)	Per piece	Per piece	

111	Set of 3 spacers for vertical gel electrophoresis(1.5 mm thick,5.5 cm)	Per piece	Per piece	
112	Ultra Filtration Membrane YM(10 KD Cutoff),	43 mm Diameter	Per Pack	
113	Dialysis Tubing Cellulose Membrane	25mmx16m m	Per Pack	
114	Cuvette adapted to Spectronic 20	1/2" diameter	Per Pack	
115	Sterile Tissue culture plate, with flat bottom and non reversible notch with provision for ventilation- 6 wells	100 nos	Per Pack	
116	Sterile Tissue culture plate, with flat bottom with non reversible notch with provision for ventilation- 24wells	100 nos	Per Pack	
117	Autoclavable Micro pipette tips 0.1-10ul	1000/Pack	Per Pack	
118	Autoclavable Micro pipette tips 1-10ul	1000/Pack	Per Pack	
119	Autoclavable Micro pipette tips 2-200ul	1000/Pack	Per Pack	
120	Autoclavable Micro pipette tips 200-1000ul	1000/Pack	Per Pack	
121	Autoclavable Pipette tips 1-5 ml, 300 per pack	300 per pack	Per Pack	
122	Autoclavable Pipette tips 1-10 ml, 300 per pack	300 per pack	Per Pack	
123	Micro-centrifugation tubes – 0.6 ml – pack of 1000	Per piece	Per piece	

124	Micro-centrifugation boilable tubes – 1.5 ml – pack of 1000	Per piece	Per piece	
125	Micro-centrifugation tubes– 2.0 ml – pack of 1000	Per piece	Per piece	
126	Micro-centrifuge cap locks – 0.5 ml – Pack of 100	Per piece	Per piece	
127	Micro-centrifuge cap locks – 1.5 ml / 2.0 ml – pack of 100	Per piece	Per piece	
128	Thin PCR tubes 0.2 ml with flat cap – pack of 1000	Per piece	Per piece	
129	Thin PCR tubes 0.2 ml with doomed cap – pack of 1000	Per piece	Per piece	
130	Thin PCR tubes 0.5 ml with flat cap – pack of 1000	Per piece	Per piece	
131	Thin PCR 0.2 ml 8 tube strips with attached caps	Per piece	Per piece	
132	25cm ² area tissue culture flask (T-25)	Per piece	Per piece	
133	75 cm ² area tissue culture flask (T-75)	300/pack		
134	Cell scraper, 10 no per pack	Per piece	Per piece	
135	Cryogloves Mid arm XL	Per piece	Per piece	
136	Cell scrapper sterile 240mm (material PS)	Per piece	Per piece	
137	Cage bin for Rats PP/ 43 x 27 x 15 cm (lxbxh)	Per piece	Per piece	
138	Cage grill for rats Stainless steel 43 x 27 cm (lxb)	Per piece	Per piece	

139	Reversible microtube rack (0.5/1.5 ml) PP 96 spaces	Per piece	Per piece	
140	Polygrid microtube stand (128 of 1.5 or 2.0ml microtubes)	Per piece	Per piece	
141	Polygrid microtube stand (84 of 1.0 or 1.8ml microtubes)	Per piece	Per piece	
142	Hamilton syringe	Per piece	Per piece	
143	Microtip box PP autoclavable 0.2-10mL 96 places	Per piece	Per piece	
144	Microtip box PP autoclavable 2-200mL 96 places	Per piece	Per piece	
145	Microtip box PP autoclavable 200-1000mL 100 places	6/pack	Per Pack	
146	Multipurpose labelling tape 075" X 500"	6/pack	Per Pack	
147	Dura seal stretch film 2" X 500"	6/pack	Per Pack	
148	Dura seal stretch film 4" X 250"	1 roll	Per Pack	
149	Parafilm M 2" X 500"	1 roll	Per Pack	
150	Parafilm M 4" X 250"	1 roll	Per Pack	
151	PCR 0.2ml 8 tube strips (material PP) without attached cap	1 roll	Per Pack	
152	PCR Optical flat 8 cap strips (material PP)	1 roll	Per Pack	
153	Tissue culture Petri dish sterile (PS) Φ 40mm	120/pack	Per Pack	
154	Tissue culture Petri dish sterile (PS) Φ 90mm	300/pack	Per Pack	
155	0.2 μ l PCR tube strip racks	240/pack	Per Pack	

156	Rat water bottle PC 250 ml capacity	126/pack	Per Pack	
157	Reusable teflon coated Magnetic beads for platelet agregometer	126/pack	Per Pack	
158	Staining box, material PP 12.5x12.5x5 cm (lxbxh)	Pack	Per Pack	
159	Glass Rod Hollow (5mm inner hollow dia)	Pack	Per Kg	
160	Glass-plates for horizontal slab gel electrophoresis; 11cm´11.5cm	Pack	Per Pack	
161	Glucometer based on bio sensor technology with clear digital display,using dry chemistry. 500 dip strips to be provided along with the instrument.	Per piece	Per piece	
162	Spreader (TLC)	Per piece	Per piece	
163	Horizontal Electrophoresis apparatus	Per piece	Per piece	
164	Glass Dessicator with lid (outer dia 28cm inner dia 22 cm)	Per piece	Per piece	
165	Kjeldahl's apparatus for protein estimation	Per piece	Per piece	

Note: The firms are requested to follow the instruction given below while submitting the quotation for item 145 to 173.

1. Should be made of virgin polypropylene
2. Should be pyrogens, DNase and RNase free
3. Should bear certificate indicating the above along with the quotation.

Diagnostic Reagent Kits

Sl. No	PARAMETER	Acceptable Pack size at the time of supply	Rate per ml to be quoted	METHOD
1.	Adenosine deaminase estimation kit with control and calibrator	10ml	Per ml	
2.	Albumin	25ml	Per ml	BCG-EP
3.	Alkaline Phosphatase	25ml	Per ml	DGKC, SCE, Kinetic
4.	Alpha amylase	20 ml	Per ml	CNPG3, Kinetic
5.	ALT(SGPT)	25ml	Per ml	IFCC, Kinetic
6.	Apo A estimation kit with control and calibrator	20 ml	Per ml	Immuno turbidometric
7.	Apo B estimation kit with control and calibrator	20 ml	Per ml	Immuno turbidometric
8.	AST (SGOT)	25ml	Per ml	IFCC, Kinetic
9.	Bilirubin – Total and Direct	50 ml	Per ml	DMSO, EP
10.	Calcium	25 ml	Per ml	OCPC, EP
11.	Calibrator multi-I (Level- I)	5 ml	Per ml	
12.	Calibrator multi-II (Level-II)	5 ml	Per ml	
13.	Ceruloplasmin estimation kit with control and calibrator	10ml	Per ml	
14.	Cholesterol	50ml	Per ml	CHOD-PAP, EP
15.	CK-MB	20ml	Per ml	Immuno inhibition, Kinetic
16.	CK-Total (NAC)	20ml	Per ml	DGKC, Kinetic
17.	Copper estimation kit with control and Calibrator	10ml	Per ml	
18.	Creatinine	50ml	Per ml	Jaffe's Kinetic, FT

19.	Total Oxidant Status	10-50ml	Per ml	
20.	Ferritin estimation kit with control and calibrator	10-50ml	Per ml	Immunoturbodometric method
21.	Fibrinogen estimation kit with control and calibrator	15ml	Per ml	Immunoturbodometric method
22.	Fructosamine estimation kit with control and Calibrator	10-50ml	Per ml	adapted to autoanalyser
23.	GGT	20ml	Per ml	SZasZ, Kinetic
24.	Glucose	500ml	Per ml	GOD-PAP, EP
25.	Glycated hemoglobin estimation kit with control and calibrator	10ml	Per ml	Immuno turbidometric method adapted to autoanalyser
26.	HDL- Cholesterol (D) with calibrator	40ml	Per ml	Masking methodology
27.	Inorganic Phosphate	25ml	Per ml	Phospho-molybdate-UV,EP
28.	Iron estimation kit with control	25ml	Per ml	Dye method
29.	LDH with control and calibrator	10ml	Per ml	SFBC, Kinetic
30.	Magnesium estimation kit with control	20ml	Per ml	Dye method
31.	Microalbuminuria estimation kit with control	10-50 ml	Per ml	Latex particle coated with antirat albumin
32.	Microalbuminuria estimation kit with control	10-50ml	Per ml	Latex particle coated with antihuman albumin
33.	Non etherified fatty acid estimation kit with control and calibrator	10-50ml	Per ml	

34.	QC- Normal , Abnormal	5ml	Per ml	
35.	Serum Lactate estimation kit with control		Per ml	
36.	Thromboplastin for Prothrombin assay (ISI=1)	4ml	Per ml	
37.	Total Protein	25ml	Per ml	Biuret- EP
38.	Triglycerides	25ml	Per ml	GPO-PAP,EP
39.	Troponin T (detection kit)	50-100 kit	Per kit	
40.	Troponin I (detection kit)	50-100 kit	Per kit	
41.	Troponin C (detection kit)	50-100 kit	Per kit	
42.	Urea	50ml	Per ml	Urease GLDH, FT
43.	Uric Acid	20ml	Per ml	Uricase, EP
44.	Urinary albumin with control and calibrator	10-50 ml	Per ml	
45.	Urinary protein	10-50 ml	Per ml	
46.	Zinc estimation kit with control	10-50 ml	Per ml	
47.	Serum bicarbonate kit with calibrator	10-50 ml	Per ml	
48.	Serum lipase activity with QC	10-50 ml	Per ml	
49.	Hb1Ac with control and calibrator serum	10-50 ml	Per ml	
50.	Rheumatoid factor kit with calibrator	10-50 ml	Per ml	
51.	Total Anti oxidant status kit	10-50 ml	Per ml	
52.	Lipoprotein a	25 ml	Per ml	
53.	Peo Calcitomin (Reagent Kit)	10- 100 tests	Per test	
54.	Peo Calcitomin (Card test Kits)	Per card test	Per card	

Note: The firms are requested to follow the instruction given below while submitting the quotation for auto analyzer kits.

For every kit, method, pack size, pack rate and rate per ml should be mentioned.
 For each kit, Programme sheets for CIBA CORNING Express 550 and Randox Rx IMOLA analyzer and Olympus should be given.

The stability of the reconstituted / working reagents should be for minimum of 7 days.

The reagent kits should be complete in itself with standards for calibration of protocol for estimation.

REAGENTS FOR Chrono-Log Platelet Aggregometer

Sl. No	PARAMETER	Acceptable Pack size at the time of supply	Rate per ml /mg to be quoted	METHOD
1	Thrombin	10 unit	Per unit	Chrono-Log Platelet Aggregometer
2	Collagen	1 mg	Per mg	Chrono-Log Platelet Aggregometer
3	Arachidonic Acid	50mM	Per mM	50mM
4	Ristocetin	125mg/mL	Per mg	
5	Chrono-lume	4x125ml	Per ml	
6	ADP	1mM	1mM	
7	Epinephrine	10mM/1mM	1mM	
8	ATP	2 umole	2 umole	
9	Ristocetin cofactor Assay Kit		1 determinations	
10	Ristocetin 7.5 mg /VIAL	1 vial	1 vial	
11	Lyophilized Human Platelets	6ml/TBS 12ml	1 ml	
12	VW Reference Plasma Normal	1 ml	1 ml	
13	VW Reference Plasma Deficient			
14	Tris Buffered saline	12ml	1 ml	
15	Hemostasis Reference Plasma Normal	1ml	1ml	
16	Hemostasis Reference Plasma Abnormal	1ml	1ml	

	Complete RIA KITS	Acceptable Pack size at the time of supply	Rate per Test	METHOD
1	T3 with control	100 tests	Per test	Coated tubes
2	T4 with control	100 tests	Per test	Coated tubes
3	TSH with control	100 tests	Per test	Coated tubes
4	Free T3 with control	100 tests	Per test	Coated tubes
5	Free T4 with control	100 tests	Per test	Coated tubes
6	Insulin with control	100 tests	Per test	Coated tubes
7	Growth hormone with control	100 tests	Per test	Coated tubes
8	Rat A II (Plasma rennin activity) with control	100 tests	Per test	Coated tubes
9	Human Estrogen with control	100 tests	Per test	Coated tubes
10	Human Progesterone with control	100 tests	Per test	Coated tubes
11	Human Testosterone with control	100 tests	Per test	Coated tubes
12	Ultrasensitive rat Progesterone with control	100 tests	Per test	Coated tubes
13	Ultrasensitive rat Testosterone with control	100 tests	Per test	Coated tubes
	Complete ELISA KITS	Rate must be quoted units given below	Acceptable Pack size at the time of supply	
1.	Anti TPO antibody with control	Per wells	96 WELLS	
2.	C Peptide with control	Per wells	96 WELLS	
3.	CA-125 with control	Per wells	96 WELLS	
4.	CA-15.3 with control	Per wells	96 WELLS	
5.	CA-19.9 with control	Per wells	96 WELLS	
6.	CA-242 with control	Per wells	96 WELLS	
7.	CEA with control	Per wells	96 WELLS	
8.	Calcitonin with control	Per wells	96 WELLS	

9.	Estrogen with control	Per wells	96 WELLS	
10.	FSH with control	Per wells	96 WELLS	
11.	H.pylori IgM with control	Per wells	96 WELLS	
12.	HBsAg Ab quantitative with control	Per wells	96 WELLS	
13.	HCV Ab with control	Per wells	96 WELLS	
14.	Homocysteine with control	Per wells	96 WELLS	
15.	Human Growth Hormone with control	Per wells	96 WELLS	
16.	Human IL 2 with control	Per wells	96 WELLS	
17.	Human IL 6 with control	Per wells	96 WELLS	
18.	Human IL-10 with control	Per wells	96 WELLS	
19.	Human IL-12 with control	Per wells	96 WELLS	
20.	Human IL-4 with control	Per wells	96 WELLS	
21.	Human IL-8 with control	Per wells	96 WELLS	
22.	Human TNF- α with control	Per wells	96 WELLS	
23.	Insulin (human) with control	Per wells	96 WELLS	
24.	Insulin autoantibody with control	Per wells	96 WELLS	
25.	Interferon γ with control	Per wells	96 WELLS	
26.	Leptin with control	Per wells	96 WELLS	
27.	LH with control	Per wells	96 WELLS	
28.	Osteocalcein with control	Per wells	96 WELLS	
29.	Oxidized LDL with control	Per wells	96 WELLS	
30.	Progesterone with control	Per wells	96 WELLS	

31.	Prolactin with control	Per wells	96 WELLS	
32.	PSA with control	Per wells	96 WELLS	
33.	PTH with control	Per wells	96 WELLS	
34.	Beta HCG with control	Per wells	96 WELLS	
35.	Rat A II (Plasma rennin activity) with control	Per wells	96 WELLS	
36.	Rat interferon γ with control	Per wells	96 WELLS	
37.	Rat interleukin 10 with control	Per wells	96 WELLS	
38.	Rat interleukin 12 with control	Per wells	96 WELLS	
39.	Rat interleukin 2 with control	Per wells	96 WELLS	
40.	Rat interleukin 4 with control	Per wells	96 WELLS	
41.	Rat interleukin 6 with control	Per wells	96 WELLS	
42.	Rat Leptin with control	Per wells	96 WELLS	
43.	Rat TNF α kits with control	Per wells	96 WELLS	
44.	Testosterone with control	Per wells	96 WELLS	
45.	TG antibodies (thyroglobulin) with control	Per wells	96 WELLS	
46.	Ultrasensitive C Reactive Protein with control	Per wells	96 WELLS	
47.	Ultrasensitive Insulin (rat) with controls	Per wells	96 WELLS	
48.	Ultrasensitive rat estrogen with control	Per wells	96 WELLS	
49.	Ultrasensitive rat Progesterone with control	Per wells	96 WELLS	

50.	Ultrasensitive rat Testosterone with control	Per wells	96 WELLS	
Note :				
1	For every kit, method, pack size, pack rate per ml cost should be mentioned.			
2	The stability of the reconstituted / working reagents should be for minimum of 7 days.			
3	The reagent kits should be complete in itself with standards and controls for calibration of protocol for estimation.			

Requirement for Antibodies

S. No	Name of the Item	Acceptable Pack size at the time of supply	Unit for which rate should be quoted	
1.	Anti - DNP antibody (1:1000)	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
2.	Anti Glutathione peroxidase antibody produced in mouse; Immunogen: human, bovine, rat	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
3.	Anti goat Ig HRP Conjugate	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
4.	Anti human Ig HRP Conjugate	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
5.	Anti mouse Ig HRP Conjugate	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	

6.	Anti rabbit Ig HRP Conjugate	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
7.	Anti superoxide dismutase (Mn SOD) antibody produced in rabbit: species reactivity- human	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
8.	Anti-Akt 1 Phospho specific; Reactivity against Human rabbit, rat,	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
9.	Anti-Akt 1; Reactivity against Human, rat, rabbit	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
10.	Antibody to gp p47^{Phox} NADPH oxidase (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
11.	Antibody to Insulin receptor (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
12.	Antibody to IRS-1 (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	

13.	Antibody to IRS-2(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
14.	Antibody to phospho IRS-1 (Ser 307) (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
15.	Antibody to phosphoserine(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
16.	Antibody to phosphotyrosine(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
17.	Antibody to PI3K (p110) subunit(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
18.	Antibody to PI3K (p85) subunit(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
19.	Antibody to phospho PI3K (p85) subunit(specificity to mouse, rabbit and human),	Volume equivalent to 10-50 mini	For 10 mini western blots	

	applicable to both immunoprecipitation and western blotting	western blots		
20.	Antibody to phospho PI3K (p110) subunit(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
21.	Antibody to SHP2	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
22.	Anti-caspase 3 antibody , Liquid	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
23.	Anti-COX-1 antibody (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
24.	Anti-COX-2 antibody (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
25.	Anti-ERK1/2 antibody(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
26.	Anti-phospho ERK1/2 antibody(specificity to mouse, rabbit and human), applicable to	Volume equivalent to 10-50 mini	For 10 mini western blots	

	both immunoprecipitation and western blotting	western blots		
27.	Anti-glucose transporter- 4, Insulin regulatable, Reactivity, rat	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
28.	Anti-GLUT-1 antibody, (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
29.	Anti-GLUT-2 antibody(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
30.	Anti-Glut-4 antibody(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
31.	Antibody to eNOS (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
32.	Antibody to phospho eNOS (Thr 495)(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	

33.	Anti-IkBa Ab(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
34.	Anti-IkBa, Phospho serine specific Specificity(Human, rat, rabbit)	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
35.	Anti-IkKa(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
36.	Anti-IKKβ(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
37.	Anti-insulin receptor antibody (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
38.	Anti-JNK antibody(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
39.	Phospho JNK1 Antibody(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	

40.	Anti-NF-kB p65 (A), Rabbit/Goat polyclonal IgG, Reactivity (Human, rat)	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
41.	Antibody to phospho NF-kB p65(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
42.	Antibody to p38 MAPK (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
43.	Antibody to phospho p38 MAPK (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
44.	Anti-Phospho IRS-1 Antibody(specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
45.	Antiphospho- P₅₃ antibody, Liquid	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
46.	Anti-β Actin antibody reaction; specificity human, rat	Volume equivalent to 10-50 mini western	For 10 mini western blots	

		blots		
47.	bax antibodies (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	
48.	bcl-2 antibodies (specificity to mouse, rabbit and human), applicable to both immunoprecipitation and western blotting	Volume equivalent to 10-50 mini western blots	For 10 mini western blots	