

**Annual Procurement Plan for the Year 2021-22 Consumable List 1**

<b>Chemicals, Rare Chemicals, Reagents &amp; Solvents</b>				
<b>Sl. No.</b>	<b>Generic Name</b>	<b>Specification</b>	<b>Quantity</b>	<b>Approx Cost (Rs.)</b>
1.	HEPES	Molecular biology grade	1kg	80000/-
2.	MES hydrate	Molecular biology grade	1kg	34000/-
3.	Imidazole	Molecular biology grade	1kg	28000/-
4.	BIS-TRIS	Molecular biology grade	500g	44000/-
5.	Agarose Type I	Molecular biology grade	1kg	11900/-
6.	CAPS	Molecular biology grade	100g	8000/-
7.	Trizma Base	Molecular biology grade	1kg	31000/-
8.	Glycerol	Molecular biology grade	2.5L*4	8000/-
9.	Ethanol	Molecular biology grade	500ml*10	8000/-
10.	NaCl	Molecular biology grade	1kg	6000/-
11.	Tris Buffer	Molecular biology grade	1 kg	10000/-
12.	Ethyl acetate	Molecular biology grade	500ml*5	6500/-
13.	Acetic acid		25L	11000/-
14.	Methanol		25L	8000/-
15.	Urea	Molecular biology grade	1kg	2000/-
16.	Agar Powder, Bacteriological		500g	8000/-
17.	Trizma Hydrochloride	Molecular biology grade	1kg	15000/-
18.	Acrylamide	Molecular biology grade	500g	4000/-
19.	Phenol	Molecular biology grade	500ml	5000/-
20.	Luria Bertani Broth		2.5kg * 4	90,000
21.	Acetone		2.5L	1500/-
22.	Ni-NTA beads		100ml	57000/-
23.	Ammonium persulphate	Molecular biology grade	100g	2000/-
24.	Ampicillin Sodium	Molecular biology grade	100 g	13000/-
25.	Kanamycin Monosulfate	Molecular biology grade	100g	60000/-
26.	Choramphenicol	Molecular biology	100g	40000/-

		grade		
27.	Isopropyl β- d-1-thiogalactopyranoside	Molecular biology grade	100g	35000/-
28.	Coomassie Brilliant Blue R-250	Molecular biology grade	25g	10,000/-
29.	SDS	Molecular biology grade	100g	2500/-
30.	Isopropanol		25 L	15000/-
31.	Crystallization screen JCSG-Plus		1 unit/box	50000/-
32.	Crystallization screen (MemGold)		1 box	50000/-
33.	Crystallization screen (MemGold 2)		1 box	50000/-
34.	Crystallization screen Wizard Cryo1		1 box	30000/-
35.	Crystallization screen Wizard Cryo2		1 box	30000/-
36.	Enzyme Co-factor kit EK-100		100mg*4	4000/-
37.	Enzyme Co-factor kit EK-500		500mg*4	20000/-
38.	ANS-A1028-25G		25 g	20000/-
39.	TCEP-HCl- C4706-10G		10 g	65000/-
40.	Crystallization screen (Wizard 1,2,3&4)		1 box each	80000/-
41.	Crystal Screen 1		1 box	50000/-
42.	Crystal Screen 2		1 box	50000/-
43.	Citric acid	Molecular biology grade	1 kg	27,000/-
44.	PMSF		25 g	17000/-
45.	DTT		1000g	30000/-
46.	2-mercaptoethanol		250 ml	8000/-
47.	Zinc Chloride		500g	5000/-
48.	PIP2 and PIP3			40,000/-
49.	Glycerol	Mol Bio grade	5 litre	60000
50.	PMSF	Mol Bio grade	5 gms	5650
51.	Ethanol	Mol Bio grade	500ml*10	25000
52.	Acetic acid	Extra pure	2liters	1500
53.	Leishmanns stain	Extra	25liters	4000
54.	Formyl-Met-Leu-Phe	HPLC grade	50mg	25000
55.	8 azido ATP	Mol Bio grade	1 vial	30000
56.	Fluorescent tagged RNA	Mol Bio grade	2 sets	100000
57.	NaCl	Mol Bio grade	1kg	10000
58.	Malachite green	Mol Bio grade	25gm	6000
59.	DTT	Mol Bio grade	2gm*2	11000
60.	L-Glutathione reduced		2	19000.00
61.	BamHI		2	8000.00
62.	Xho1		2	8000.00
63.	NdeI		2	8000.00
64.	DNA Polymerase High Fidelity		2	42000.00
65.	FBS HI, US ORIGIN		4	180000.00
66.	EDTA		1	18000.00
67.	Silicon carbide -200 mesh particle size		1	7000.00
68.	Blasticidin S HCl		1	36000.00
69.	G418 SOLUTION		3	29000.00
70.	Penicillin-Streptomycin		2	2900.00

71.	Hygromycin B (50 mg/mL)		1	19500.00
72.	cOmplete™, EDTA-free Protease Inhibitor Cocktail		1	30000.00
73.	<a href="#">Gentamicin solution</a>		3	25000.00
74.	Microsome Isolation Kit		1	51000.00
75.	NP-40 Surfact-Amps™ Detergent Solution		1	21000.00
76.	Dreamtaqpcr master mix		2	20000.00
77.	T4 DNA Ligase		3	50000.00
78.	FastAPThermosensitive Alkaline Phosphatase		1	20000.00
79.	NotI		2	12000.00
80.	FastDigestXhoI		2	10000.00
81.	SYBR green master mix			
82.	Site directed mutagenesis kit		6	300000.00
83.	Glyceraldehyde 3 Phosphate dehydrogenas		5	30000.00
84.	Cdna synthesis kit		4	110000.00
85.	Tartoff-Hobbs Broth		5	22000.00
86.	Luria Bertani Broth		6	20000.00
87.	Potassium DihydrogenPhos.,		2	9000.00
88.	Di-Pot.Hydrogen Pho,		3	2100.00
89.	PUROMYCIN DIHYDROCHLORIDE		3	25000.00
90.	NBT/BCIP		4	45000.00
91.	M199		3	35000.00
92.	Glycerol		10	14000.00
93.	HEPES, SODIUM SALT BIOPERFORMANCE&		1	20000.00
94.	5-SULFOSALICYLIC ACID DIHYDRATE, REAGENT		1	5500.00
95.	GLUTATHIONE REDUCTASE FROM BAKERS YEAST		1	2500.00
96.	DULBECCO'S PHOSPHATE BUFFERED SALINE, MO		1	1500.00
97.	BETA-NICOTINAMIDE ADENINE DINUCLEOTIDE&		1	12000.00
98.	2-VINYLPYRIDINE, 97%		1	2000.00
99.	META-PHOSPHORIC ACID BIOXTRA		1	17000.00
100.	PROPIDIUM IODIDE, >= 94.0% (HPLC)		1	3000.00
101.	DPN1		2	33000.00
102.	D(-)-3-PHOSPHOGLYCERIC ACID DISODIUM		2	60000.00
103.	PAGERULER PRESTAINED PROTEIN LADDER		3	40000.00
104.	RNA zip		2	15000.00
105.	Water DEPC		4	12000.00
106.	Methanol pure, 99% 25L	25l	1	4850.0
107.	phenethylamine	50ml	1	4300.0
108.	N,N-Dimethylacrylamide	500ml	1	5400.0
109.	6-Aminocaproic acid	100g	1	5300.0
110.	N,N,N',N'-Tetramethyl-p-phenylenediamine	5g	1	13000.0
111.	Carbonyl cyanide 3-chlorophenylhydrazone	100mg	1	3500.0
112.	PYZD-4409	5mg	1	10000.0
113.	Immobilon Forte Western HRP substrate,	500ml	1	50000.0
114.	protease inhibitor cocktail	5 ml	1	28000.0
115.	3-np	10g	1	17000.0

116.	HBSS	500ml	2	5500.0
117.	Paraquat dichloride hydrate	100MG		7403.0
118.	Acetone, HPLC grade	500 ml		
119.	Acetone, AG	25 l		
120.	Acetonitrile, HPLC grade	2.5 l		
121.	n-Butanol, AG	2.5 l		
122.	Chloroform, HPLC grade	500 ml		
123.	Chloroform-d, NMR grade	100 g		
124.	Chloroform, AG	2.5 l		
125.	DCM, HPLC grade	500 ml		
126.	DCM, AG	25 l		
127.	Ethanol, extra pure	500 ml		
128.	Ethyl acetate, HPLC grade	500 ml		
129.	Ethyl acetate, AG	25 l		
130.	n-Hexane, HPLC grade	2.5 l		
131.	n-Hexane, AG	25 l		
132.	Methanol, HPLC grade	2.5 l		
133.	Methanol, AG	2.5 l		
134.	Toluene, AG	2.5 l		
135.	Water, HPLC	500 ml		
136.	Chemicals			
137.	Acarbose extra pure (SRL)	1g		
138.	Suphuric acid	500 ml		
139.	Formic acid (HPLC Grade)	500 ml		
140.	PEG 400			
141.	POLYSORBATE 20	500 ml		
142.	POLYSORBATE 40	250 ml		
143.	POLYSORBATE 60	500 ml		
144.	2-Propanol, HPLC grade	2.5 l		
145.	2-Propanol, AG	25 l		
146.	Sorbitan mono laurate	500 ml		
147.	Sorbitan mono oleate	500 ml		
148.	Sorbitan mono stearate	500 ml		
149.	Acetic acid	500 ml		
150.	Sodium carbonate	500 gm		
151.	3,5 dinitrosalicylic acid	50 gm		
152.	Tetraethylammonium bicarbonate	25G	1	20,179
153.	DMSO- LC-MS GRADE	50 ML	1	8,038
154.	TRYPsin 0.25% EDTA	500ML	1	4,311
155.	HBSS	1000ML	1	4,016
156.	FBS	500ML	1	4 4,443
157.	PENICILLIN STREPTOMYCIN	100ML	1	2,302
158.	PBS	1000ML	1	3,783
159.	HYGROMYCIN B		1	5,958
160.	TRYPAN BLUE SOLUTION CELL CULTURE		1	1,888
161.	2-Amino-5-fluorobenzoic acid	1 g		4396.98
162.	2-Amino-5-bromobenzoic acid	5 g		3050.35
163.	2-Amino-5-(trifluoromethoxy)benzoic acid	1g		8521.64

164.	2-Amino-5-methoxybenzoic acid	1gm		8256.30
165.	Cyclopropylacetylene	5gm		3581.02
166.	Propyne	100ml		4189.50
167.	2-Methyl-1-buten-3-yne	5g		5765.55
168.	Cyclopentylacetylene	1g		4337.13
169.	5-Methyl-1-hexyne	5 g		3961.07
170.	Diphenyl phosphoryl azide	25gm		5066.30
171.	Ethyl Acrylate (stabilized with MEHQ)	500ml		3247.86
172.	4-(Trifluoromethoxy)benzylamine	1 g		2872.80
173.	3-(Trifluoromethyl)benzylamine	5G		3623.91
174.	3-Hydroxy-4-nitrobenzaldehyde	1g		5157.07
175.	2,3,3-Trimethylindolenine	25ML		3391.50
176.	Dimethyl sulfoxide-d6	50gms X 2		18703.12
177.	Thionyl chloride	500ml X 2		1246.87
178.	Nitro Methane	1Lit.		1825.42
179.	2-Iodoaniline	25G		4937.62
180.	2-Aminobenzylamine	25G		6364.05
181.	SULPHAMIC ACID	250G		493.76
182.	Tris(2,2'-bipyridine)ruthenium(II) hexafluorophosphate	1G		10753.05
183.	BENZOIC HYDRAZIDE	25G		1348.62
184.	Diphenylacetylene	25 g		7948.08
185.	Methyl carbamate	100 g		1904.22
186.	Copper(I) trifluoromethanesulfonate benzene complex	1 g		4389.00
187.	4(5)-Methylimidazole	100G		2139.63
188.	4-Imidazolecarboxaldehyde	1 g		2543.62
189.	7-Methylindole	1G		3690.75
190.	N-Boc-ethylenediamine	5G		5274.78
191.	Thiophene-3-acetic Acid	5G		3778.53
192.	3,4,9,10-Perylenetetracarboxylic 3,4:9,10-dianhydride	25 g		2912.70
193.	Terephthalaldehydic Acid	25G		2743.12
194.	N-Benzylmethylamine	100ML		1792.50
195.	N,N-Dimethylbenzylamine	100ML/250ML		1706.72
196.	2-Iodobenzoyl chloride	5G*4		8129.62
197.	5-Methoxy-3-indoleacetic acid	1 g		8528.62
198.	3-Indoleacetic acid	5g		851.86
199.	Dichloromethane Adduct [1,1'-Bis(diphenylphosphino)ferrocene]palladium(II) Dichloride	5gm	1	15,860.25
200.	Diethyl Oxalate	500G	2	3600

201.	HPLC grade water		1	2000
202.	4-Nitro-1,2-phenylenediamine	100G	2	6800
203.	Acetonitrile		1	1000
204.	1,1-Dimethoxy-3-butanone	100ML	1	3600
205.	3-Chloro-1-propanol	100G	1	4600
206.	Di(N-succinimidyl) Carbonate	5G	2	11000
207.	4-Aminobenzylamine	25G	1	10700
208.	4-Bromobutyric acid	10G	2	4639
209.	2,3-Diaminopyridine	5G	2	8940
210.	Bis(3-aminopropyl)amine	100G	2	4750
211.	Ethyl trifluoroacetate	100G	1	1,820.40
212.	3-Amino-1-propanol	100G	1	1,820.40
213.	2,6-Diaminopyridine	100G	1	2,453.10
214.	Diethyl ethoxymethylenemalonate	500G	1	4,717.50
215.	1-(3-aminopropyl)pyrrolidine	5G	1	5,596.53
216.	2-Propanol	500ml	1	6,537.90
217.	high quality ACS solution	500ml	10	55000
218.	LABORATORY DISINFECTANT SOLN	500ML	40	16000
219.	good-quality grade alcohol for RNA/DNA isolation	500ml	10	55000
220.	low quality ACS soln	500ml	10	5000
221.	Isopropanol (molecular grade)	500ml	1 bottle	3000.00
222.	Chloroform (molecular grade)	25ml	4 bottle	5000.00
223.	Disinfectant	500ml	10 bottle	5000.00
224.	Isopropanol	2.5lt	2 bottle	4000.00
225.	Trypsin Gold	Mass spectrometry	1	13,000.00
226.	Poly L-lysine	Slide coating	500 ml x 1	40,000.00
227.	POLY(D,L-LACTIDE-CO-GLYCOLIDE), ESTER T&	Nanoparticle preparation	1	20,000.00
228.	L- $\alpha$ -Phosphatidylethanolamine from egg yolk (100mg)	Nanoparticle preparation	1	31,000.00
229.	AgNO <sub>3</sub>	Fine chemicals	1	12,000.00
230.	Mitochondrial Membrane Potential Assay Kit	Fine chemicals	1	36,000.00
231.	ROS Assay Kit	Fine chemicals	1	24,000.00
232.	Isopropanol (25 Lit / PK)	CRUDE	5	30,000.00
233.	$\beta$ -catenin inhibitor	Inhibitor	1	8,000.00
234.	Methanol	Crude	2 drum	15,000.00
235.	DMSO	Fine chemicals	1	20,000.00
236.	CYCLOHEXIMIDE	Fine chemicals	1	15,000.00
237.	MTT. 250mg	Fine chemicals	1	3,000.00
238.	HAUSP inhibitor P5091	Inhibitor	1	7,500.00
239.	Trans Resveratrol	Inhibitor	1	9,000.00
240.	Cisplatin	Inhibitor	1	15,000.00
241.	H <sub>2</sub> O <sub>2</sub> , 500ml	Fine chemicals	1	1,500.00
242.	Isopropanol 500 ml and 2.5 Lit PK	Mol Bio Grade	2	48,000.00
243.	CLARITY WESTERN ECL SUBS	Fine chemicals	1	22,000.00
244.	PREC PLUS DUAL COLOUR, 5PK	Marker	1	29,000.00
245.	Propidium iodide (PI) 100mg	Fine chemicals	1	20,000.00

246.	1,8-DIAZABICYCLO(5.4.0)UNDEC-7-ENE, 98%		1x100gm	4,592.70
247.	1,3-DIPHENYLISOBENZOFURAN, 97%		1x5gm	4,993.00
248.	3-CHLOROANILINE, 99%		1x100gm	2,569.93
249.	P-ANISIDINE, >=99%		1x100gm	1521.45
250.	4,4'-DICHLOROBENZOPHENONE, 99%		1x25gm	1604.89
251.	4'-METHOXYACETOPHENONE, 99%		1x100gm	3061.80
252.	3-CHLOROPERBENZOIC ACID, <=77%		1x25gm	1833.30
253.	DICHLOROBIS(TRIPHENYLPHOSPHINE) Palladium(II)		3x1gm	7626.15
254.	PHOSPHORUS TRIBROMIDE, 99%		1x100gm	2674.35
255.	M-ANISIDINE, 97%		1x100gm	3367.13
256.	CHLOROFORM-D, 99.8 ATOM % D		5x100gm	10158.75
257.	SODIUM BIS(TRIMETHYLSILYL)AMIDE		1x100mL	2790.02
258.	3-HYDROXY-2-METHYL-4-PYRONE, 99%		1x25gm	2087.41
259.	TRIFLUOROACETIC ACID, REAGENTPLUS(R)		1x25mL	3755.24
260.	SODIUM CHLORITE, TECH., 80%		1x5gm	2979.02
261.	SELENIUM DIOXIDE, >=99.9% TRACE METALS		1x5gm	2438.10
262.	Dess-Martin periodinane		1x25gm	2992.5
263.	(1S)-(+)-10-CAMPHORSULFONIC ACID, 99%		1x5gm	1646.85
264.	BIS(TRICHLOROMETHYL) CARBONATE		1x10gm	6031.46
265.	CYJOHNPHOS, 97%		1x1gm	3213.00
266.	Tetrakis (triphenylphosphine)-palladium(0) for Synthesis		1	6718.95
	PALLADIUM, 10 WT. % ON ACTIVATED CARBON		1x1gm	2853.14
267.	5-BROMO-2-(HYDROXYMETHYL)INDOLE, 95%		1x500mg	4416.08
268.	Titanium(IV) chloride		1x200gm	4415.83
269.	(2-Iodophenyl)methanol		1x100gm	7303
270.	NIS (1-Iodo-2,5-pyrrolidinedione; N-Iodosuccinimide; Succiniodimide)		1x50gm	2542
271.	4,4'-Difluorobenzophenone		1x25gm	2543

272.	4,4'-Dimethylbenzophenone		1x25gm	3005
273.	1H-Indole-3-carbonitrile		1x25gm	2587
274.	Bis(4-Methoxyphenyl)methanone		1x25gm	2533
275.	7-Methyl-1H-indole		1x25gm	4564
276.	1-Iodo-3-methylbenzene		1x10gm	2316
277.	1-Fluoro-2-iodobenzene		1x10gm	1938
278.	1,2-Dichloro-4-iodobenzene		1x10gm	913
279.	1-bromo-3-iodobenzene		1x10gm	2221
280.	1H-Indole-2-carbaldehyde		1x5gm	12628
281.	Ethyl 5-cyanoindole-2-carboxylate		1x1gm	7684
282.	4,6-Dichloroindole-2-carboxylic acid		1x1gm	5326
283.	Propargyl bromide solution		1x100gm	2757
284.	IODOBENZENE DIACETATE		1x25gm	1103
285.	Potassium tert butaoxide		1x 100g	6172
286.	Indole		1X 100g	3852
287.	$\text{Pd}_2(\text{dba})_3 \cdot \text{CHCl}_3$		1X 1g	5794
288.	$^t\text{Buxphos}$		1x 1g	6770
289.	7-nitro -1H -indole		1x 10g	3140
290.	7-methyl -1H -indole		1X 25g	4830
291.	7-Ethoxy -1H -indole		1X 100mg	3500
292.	5-fluro -1H -indole		1X 1g	3819
293.	Methyl-1H-indole-7-carboxylate		1X 1g	4669
294.	4-Fluro benzophenone		1x100 g	7182
295.	n-Butyllithium solution		1x100 ml	6088.00
296.	DIAD		1 x100g	6,082.80
297.	DEAD		1 x 100 g	6000
298.	$\text{Fe}(\text{OTf})_3$		2x1g	7800
299.	$\text{PPh}_3$		1 x 100G	2860
300.	3 butyne-1-ol		1 x 25 g	7300
301.	$\text{K}_2\text{CO}_3$			
302.	$\text{P}_2\text{O}_5$			
303.	KOH			
304.	Benzophenone			
305.	Otho Xylene			
306.	DIBAL-H		1 x 100 ml	5555.00
307.	$\text{CDCl}_3$			5000



308.	Trimethylsilyl acetylene		1x 25 g	5036.00
309.	p-TsOH			
310.	NaH		1 X 500G	7016
311.	CaCl <sub>2</sub>			
312.	NH <sub>4</sub> Cl		1 X 1KG	8740
313.	Sodium azide		1 X 25G	3785
314.	4-iodo-N,N-Dimethyl aniline		1 X 5G	4000
315.	PdCl <sub>2</sub>		1g	9000
316.	Pd(OAc) <sub>2</sub>		1g	11500
317.	Na metal		100 gm	600
318.	NMA		500 ml	3900
319.	1,2-Dichloroethane Triethyl amine			
320.	Silica gel 100- 200 mesh		25kg	10,265
321.	Sodium sulfate anhydrous		50kg	6,048
322.	Tlc Silica Gel 60 F254 25 Aluminium Sheets 20 x 20 Cm.		7 pkt	36,603
323.	N,N-DIMETHYLFORMAMIDE, ANHYDROUS, 99.8%		1x1L	6465.12
324.	Meta xylene			
325.	TOLUENE, ANHYDROUS, 99.8%		1x100 mL	3597.90
326.	Petroleum ether 60-80 deg C extrapure		14 x25L	58,800
327.	Ethylacetate extrapure		5x25L	18,145
328.	Acetone extrapure		4x25L	17,016
329.	Solution of Leishman Stain 2.5 Lit		10	6200
330.	Hydrazine sulfate		100 gm	5500
331.	Copper(II) chloride		25gm	3400
332.	CTAB		100gm	7500
333.	N-hydroxysuccinimide (NHS)		100 gm	7000
334.	Toluidin blue		5 gm	4000
335.	Methylbenzenethiol		100 gm	4400
336.	Fetal bovine serum		500ml	14000
337.	Yeast extract		500gm	1600
338.	Dextrose Monohydrate		1 Kg	550
339.	Hepes Buffer		1 kg	9000
340.	Sodium bicarbonate		1kg	3100
341.	Hydroxylamine		50 ml	4000
342.	3,4-Dihydroxyhydrocinnamic acid		10 gm	5000
343.	Sodium carbonate monohydrate		500gm	400
344.	Bovine serum albumin		25gm	3000
345.	Sodium chloride		1kg	2000
346.	Sodium borohydride		100gm	2000

347.	Tryptic soya agar		500gm	3500
348.	Diethyl ether		500ML	700
349.	Manganese sulphate		500GM	600
350.	Ethidium bromide		5G	2600
351.	Cupric bromide		100gm	2500
352.	4 dimethyl amino pyridine		25 gm	3000
353.	Carboxymethyl cellulose sodium salt		500gm	2000
354.	Ethylene glycol		2.5 L	2000
355.	Epichlorohydrin		500gm	3000
356.	Catechol		250gm	2500
357.	Triethanolamine/trolamine		1 L	1400
358.	N ndicyclohexylcarbodiimide (DCC)		100gm	2200
359.	D-mannitol		250gm	2000
360.	Glutaraldehyde 25% aq sol		500ml	1700
361.	N N methylene bisacrylamide		100gm	500
362.	Acrylamide electrophoresis,		100gm	3000
363.	Triethyleamine		500ml	3000
364.	Polyethylene glycol 400		250 gm	1500
365.	P-nitrophenylchloroformate		5 gm	3000
366.	Agar Powder		1 kg	2500
367.	Sodium carbonate		500 gms	500
368.	Phosphate buffer Saline (1X)		1 ltr	5000
369.	Acrylamide/Bisacrylamide 30% solution		100ml	6000
370.	Tris HCL		250 gm	5000
371.	Lithium bromide		250 gm	5000
372.	RNA isolation Kits		1	42000
373.	Superoxide dismutase		15units	9000
374.	Borate buffer		100ml	14935
375.	Nalidixic acid	antibiotic	2X5gm	2424
376.	DTT	Reducing agent	1X25gm	6298
377.	Urea	Denaturant	2X5kg	8224
378.	Glycerol	cryoprotectant	5X500ml	1659
379.	HEPES	Buffer	1x500gm	7145
380.	NaCl	Salt	1X1kg	334
381.	Tris	Buffer	3X500gm	9186
382.	Calcium acetate	Salt	1X500gm	6891
383.	SLS	Detergent	1X250gm	2449
384.	Glycine	Amino acid	5X500gm	3171
385.	B-Me	Reducing agent	1X250ml	1429
386.	MES hemisodium salt	buffer	1X100gm	11874
387.	Sodium deoxycholate	Detergent	1X25gm	1735
388.	D-(+) Xylose	Sugar	1x100gm	457.00
389.	PEG 2000	Polysachharide	2x250gm	5000.00
390.	PEG MME 2000	Polysachharide	1x250gm	10531.00
391.	Benzonase	Enzyme	1(5000U)	7869.00
392.	Tetramethyl ammonium bromide	Salt	1x100gms	1820.40
393.	Bis tris propane	buffer	1X25gms	5650
394.	Sodium oxamate	salt	1X25gms	7000
395.	LB broth	Chemical	1 kg	Rs. 7000

396.	Ampicillin	Chemical	1 g	Rs. 10,000
397.	Agar	Chemical	1 kg	Rs. 3000
398.	Isopropanol	Solvent	5 bottles	Rs. 10,000
399.	Methanol	Solvent	5 bottles	Rs. 10,000
400.	Chloroform	Solvent	5 bottles	Rs. 5000
401.	Acrylamide	Chemical	1 kg	Rs. 7000
402.	Bisacrylamide	Chemical	250 g	Rs. 4000
403.	Reprobe solution	Chemical	5 bottles	Rs. 20000
404.	Luminol	Chemical	5 bottles	Rs. 20000
405.	Glycine	Chemical	5 bottles	Rs. 10,000
406.	Tris base	Chemical	5 bottles	Rs. 10,000
407.	MTT powder	Chemical	1g	Rs. 16,000
408.	Evans Blue	Dye	1g	Rs. 10,000
409.	Agarose	Chemical	1 kg	Rs. 10,000
410.	EtBr	Chemical	1 g	Rs. 5000
411.	Ponceau powder	Chemical	1 g	Rs. 10,000
412.	Bradford reagent	Chemical	1 litre	Rs. 10000
413.	Percoll	Solvent	1 kg	Rs. 30,000
414.	Bovine Serum Albumin	Chemical	1 g	Rs. 30,000
415.	Hydrogen peroxide solution		500ML	22616.04
416.	IRON(II) BROMIDE, 98%		10G	6388.11
417.	POTASSIUM HYDROGENSULFATE, REAGENT GRADE		500G	2937.06
418.	1-Piperidinepropionic acid		5 gm	7532.7
419.	3-Methoxypropanoic acid		5 gm	3766.35
420.	Sodium chlorofluoroacetate		5 gm	21341.25
421.	3-(Bromomethyl)pyridine hydrobromide		5 gm	4394.25
422.	3-(Trifluoromethyl)benzylamine		5 gm	1631.7
423.	(R)-1-Methoxypropan-2-amine, HCl		1 gm	22597.05
424.	2-Chloro-5-nitropyrimidin-4-amine		10gm	26362.98
425.	2,4,5-Trichloropyrimidine		25gm	3138.45
426.	3-Amino-2-fluoropyridine		1gm	2520
427.	3-Amino-2-methoxypyridine		5gm	3087
428.	3-Aminopicoline		5gm	1929.9
429.	GUANOSINE 5'-DIPHOSPHATE SODIUM TYPE I		100mg	10734.26
430.	Arbidol hydrochloride		10MG	11454.67
431.	Cyclohexanesulfonyl chloride, tech grade		5gm	10043.04
432.	4-tert-Butylbenzenesulfonyl chloride		25gm	2510.76
433.	4-Isopropylbenzenesulfonyl chloride		5gm	2510.76
434.	4-Ethylbenzenesulfonyl chloride		5gm	8787.66
435.	DMEM, 500ML		500ML	4635.68
436.	FBS- CERT- USA ORIGIN, 500ML		500ML	41516.9
437.	Methyl 4-formylbenzoate		100gm	5649.21
438.	6-Aminopicolinic acid		25gm	12051.65
439.	4-Amino-2,6-dichlorophenol		25gm	5021.52
440.	2,4-Dichlorobenzenesulfonyl chloride		25gm	6025.82
441.	3-bromo-4-methoxypyridine		5g	5774.75
442.	3-bromopyridazine		1g	8787.66
443.	4-Chloro-2-fluorobenzaldehyde		5g	1255.38

444.	4-Chloro-2-methylbenzaldehyde		5g	7532.28
445.	4-Chloro-3-methoxybenzaldehyde		5g	4519.37
446.	4-Chloro-2-methoxybenzaldehyde		1g	4393.83
447.	4-Chloro-3-fluorobenzaldehyde		5g	1883.07
448.	4-Chloro-3-methylbenzaldehyde		1g	10670.73
449.	4-Aminopyridazine		1 g	5021.52
450.	3-bromo-2-fluoropyridine		5g	2385.22
451.	2,3-Dihydro-1,4-benzodioxine-6-carbonitrile		5g	12553.8
452.	3-Chlorobenzylamin		5g	2510.76
453.	4-(n-Butyl)benzylamine		1g	6276.9
454.	4-Chlorobenzamide		5g	1380.92
455.	N-(4-Chlorobenzyl)-n-methylamine		1g	2510.76
456.	4-Fluorophenylacetyl chloride		25gm	3766.14
457.	3-Fluorobenzoyl chloride		25gm	4393.83
458.	4-(Trifluoroacetyl)benzoic acid		5gm	13809.18
459.	Quinoline-3-boronic acid		5gm	1883.07
460.	4-Methoxyphenylboronic acid		25gm	2510.76
461.	Adenine		25g	7532.28
462.	Benzenesulfonamide		25gm	1883.07
463.	4-(Trifluoromethyl)benzenesulfonamide		5gm	2510.76
464.	N-(3-Chloropropyl)piperidine hydrochloride		5gm	9631.65
465.	4-(3-Chloropropyl)morpholine, HCl		5gm	6174
466.	tert-Butyl 4-(2-chloroethyl)tetrahydropyrazine-1-carboxylate		5gm	16052.4
467.	1-(2-Chloroethyl)-4-methylpiperazine hydrochloride		1gm	5927.25
468.	Fmoc-Arg(Boc)2-OH		1gm	11925.9
469.	2-Aminonaphthalene		5gm	11047.05
470.	4'-Methoxyacetophenone		25gm	1,695.75
471.	2-Hydroxyisobutyric acid		25gm	2,693.25
472.	Glycolic acid		25gm	1,795.50
473.	Bromhexine Hydrochloride		25gm	2,992.50
474.	Ambroxol		25gm	14,763.00
475.	Losartan Potassium		5gm	8,179.50
476.	Olmesartan		100mg	6,483.75
477.	Telmisartan		1gm	6,284.25
478.	Colchicine		5gm	14,264.25
479.	1-Piperidineethanol		25gm	2,294.25
480.	2-Methoxyethylamine		25ml	11,172.00
481.	N-(Diphenylmethylene)glycine Ethyl Ester		25 gm	9,775.50
482.	Albendazole		5gm	2,094.75
483.	Caffeine		25 gm	1,995.00
484.	Ammonium Acetate		250 gm	1,496.25
485.	Polyethylene Glycol 400		25gm	1,496.25
486.	2-Methoxyethylamine		25ml	2,793.00
487.	Methyl Cellulose (3500-5600mPa·s, 2% in Water at 20°C		25gm	1,795.50
488.	Hydroxypropyl-β-cyclodextrin		25gm	8,877.75
489.	Tween 80		25gm	1,496.25

	(=PolyoxyethyleneSorbitanMonooleate)			
490.	Tween 20 (=PolyoxyethyleneSorbitanMonolaurate) [for Biochemical Research]		5gm	1,496.25
491.	1,2-Propanediol		500gm	1,496.25
492.	4-Chloro-3-fluorobenzylamine		1gm	4,788.00
493.	4-Chloroaniline		25gm	1,695.75
494.	2,4-Thiazolidinedione		25gm	3,092.25
495.	N,N-DimethylformamideDipropylAcetal [for Esterification]		25ml	13,765.50
496.	2-Chloro-4-nitrobenzoic Acid		25gm	4,389.00
497.	Bromomethyl)cyclohexane		25gm	9,177.00
498.	N-(Diphenylmethylene)glycine Ethyl Ester		5gm	3,990.00
499.	Polyethylene Glycol 400		25gm	2,992.50
500.	Tetrahydrofuran Anhydrous (stabilized with BHT)		500ml	9,177.00
501.	2-Fluorophenyl Isocyanate		25gm	22,244.25
502.	3-Fluorophenyl Isocyanate		5gm	7,880.25
503.	p-TolylIsocyanate		25gm	6,284.25
504.	Sodium Hydrosulfite		300gm	1,695.75
505.	(S)-(+)-1-Methyl-3-pyrrolidinol		10g	11923
506.	(R)-(-)-1-Methyl-3-pyrrolidinol		5g	12299
507.	3,5-dichlorobenzaldehyde		25g	4635
508.	2-chloro-4-(trifluoromethyl)benzaldehyde		5g	21335
509.	3-Chloro-4-(trifluoromethyl)benzaldehyde		5g	15060
510.	2,4-Dichlorobenzaldehyde		25g	5820
511.	4-Chloro-3-fluorobenzaldehyde		25g	3880
512.	3-Chloro-4-(trifluoromethoxy)benzaldehyde		5g	4885
513.	4-Chloro-3-methoxybenzaldehyde		25g	14,200.00
514.	5,6-Dichloronicotinaldehyde		1g	17,809.00
515.	2-Bromo-2',4'-dichloroacetophenone		10g	7,915.00
516.	3,4-Dichlorobenzaldehyde		25g	7,915.00
517.	4-Boc-aminopiperidine		25gm	4,970.00
518.	5-Nitropyridine-2-carbonitrile		10 g	14,200.00
519.	4-(Aminomethyl)-2-chloroaniline		1 g	5,917.00
520.	Methyl-(4-aminophenyl)acetate		5 g	2,958.00
521.	4-Chlorobenzenesulfonyl chloride		25g	2,369.00
522.	4-Chloro-3-nitrobenzenesulfonyl chloride		5g	1,775.00

523.	4-Chloro-3-nitrobenzaldehyde		5g	1,775.00
524.	6-Aminonicotinaldehyde		1g	10,532.00
525.	2-Chloro-9H-purin-6-amine		50 gm	35,437.50
526.	Dicyclohexyl[2-(2,4,6-triisopropylphenyl)phenyl]phosphane (Xphos)		25g x 1	10,500.00
527.	4,5-Bis(diphenylphosphino)-9,9-dimethylxanthene (Xantphos)		25g x 1	7,875.00
528.	2,2'-Bis(diphenylphosphino)-1,1'-binaphthalene (rac-BINAP)		25g x 1	12,468.75
529.	2-Amino-5-bromobenzoic acid		25g x 4	5,040.00
530.	4-Iodobenzaldehyde		25g x 1	9,450.00
531.	4-Fluorobenzenesulfonyl Chloride		25g x 1	2,520.00
532.	2-Amino-5-nitrobenzoic acid		100gm x 1	6,300.00
533.	4-Cyanobenzenesulfonyl chloride		5g x 1	4,158.00
534.	3-(Trifluoromethyl)benzoic acid		25g x 1	1,890.00
535.	3-Methoxybenzoic acid		25g x 1	1,890.00
536.	Methyl 6-chloronicotinate		25g x 1	3,150.00
537.	6-Chloronicotinic acid		100gm x 1	5,040.00
538.	isonicotinic acid		100gm x 1	5,040.00
539.	2-Bromo-3'-nitroacetophenone		25g x 1	6,930.00
540.	3'-Methoxyphenacyl Bromide		25g x 1	11,970.00
541.	1,4-Benzoquinone		500 gm	13,665.75
542.	Acetyl Chloride		500 gm	4,089.75
543.	Triphosgene		25 gm	5,685.75
544.	$\beta$ -D-Ribofuranose 1-Acetate 2,3,5-Tribenzoate		25 gm	42294.00
545.	5-Bromoanthranilic Acid		25 gm	8,877.75
546.	4-Methoxybenzoyl Chloride		25 gm	2,593.50
547.	4-Fluorobenzoyl Chloride		25 gm	7,680.75
548.	4-Fluorobenzamide		25 gm	5,885.25
549.	4-Fluoroaniline		25 mL	2,892.75
550.	1-(2-Hydroxyethyl)pyrrole		1 gm	5,187.00
551.	1-Piperidineethanol		25 gm	2,294.25
552.	4-(2-Hydroxyethyl)morpholine		100 gm	2,194.50
553.	1-(2-Hydroxyethyl)pyrrolidine		25 mL	6,084.75
554.	4'-Methoxypropiofenone		25 gm	8,179.50
555.	4'-Methoxyphenacyl Bromid		25 gm	7,182.00
556.	Hexamethyleneimine		25 mL	1,496.25
557.	Raloxifene Hydrochloride		1 gm	9,775.50
558.	TrimethylsilylTrifluoromethanesulfonate		25 gm	18753.00
559.	p-anisidine		500 gm	9500.00
560.	IODOMETHANE, 99%, STAB. WITH COPPER 1KG		250 gm	12964.00
561.	Benzoyl Peroxide (wetted with ca. 25% Water)		100 gm	6800.00

562.	THIOPHENOL		1L	4500.00
563.	Dimethylamine (ca. 10% in Tetrahydrofuran, ca. 2mol/L)		500 mL	7400.00
564.	BROMINE > 99% puriss AR		250 mL	1800.00
565.	Formaldehyde Solution (37%) (stabilized with Methanol)		900 mL	5100.00
566.	4-Fluoroaniline		100 mL	11600.00
567.	Ethyl Acetoacetate		500 gm	2800.00
568.	Sodium thiophenolate		50 gm	15551.00
569.	1,2,3,4-Tetrahydroisoquinoline		50 gm	7600.00
570.	1,2,3,4-Tetrahydroquinoline		100 gm	3500.00
571.	4-Benzylpiperidine		100 gm	11144.00
572.	4-(DIMETHYLAMINO)PIPERIDINE		5g	8278
573.	tert-Butyl Methyl(4-piperidyl)carbamate		1g	15000
574.	[2-(4-Amino-phenyl)-ethyl]-carbamic acid tert-butyl ester		1g	5166
575.	tert-Butyl n-allylcarbamate		5 g	2829
576.	Acrylonitrile		25 ml	1600
577.	4-Hydroxypiperidine, HCl		25 g	8487
578.	Ethyl Acetoacetate		500 gm	2800.00
579.	Sodium thiophenolate		50 gm	15551.00
580.	Methylene blue	25G	1	3441
581.	Ethanol	10L	1	7000
582.	Mol grade DMSO	500ml	1	5716
583.	Triton X 100	100 ml	1	5000
584.	NP 40	100 ml	1	5000
585.	Sodium deoxycholate	25mg	1	4500
586.	Sucrose	250 gm	1	4000
587.	Magnesium Chloride	250 gm	1	6000
588.	Acetone (HPLC grade)	1L	1	3500
589.	Ammonium acetate	25 mg	1	13000
590.	Ammonium bicarbonate (MS grade)	25 mg	1	4000
591.	Ethanol (molecular biology grade)	500 ml	1	20000
592.	Chloroform:isoamyl alcohol (molecular biology grade)	100ml	1	6000

593.	Bromophenol blue	25G	1	2500
594.	Coomasie brilliant blue R	25G	1	7000
595.	Mitotracker Red	1	1	35000
596.	Poncheau S	10G	1	4000
597.	Celltracker blue	5mg	1	26590
598.	RIPA	Solution	100 ml	Rs. 18,000
599.	Silica gel	CAS Number: 112926-00-8 100-200 mesh	25 kg x 3	20,000.00
600.	Sodium sulfate	CAS Number: 7757-82-6	12 Kg x 2	70,000.00
601.	Molecular Sieve 4A	CAS Number: 70955-01-0 4A (0.4nm) (1.6-3mm Beads)	250g x10	5,000.00
602.	Ethanol	CAS Number: 64-17-5 Absolute for analysis	500 mL x 10	15,000.00
603.	Carbon tetrachloride	CAS Number: 56-23-5	2.5 L	10,000.00
604.	Palladium(II) chloride	CAS Number: 205885-5G	5 g x 5	2,00,000.00
605.	Palladium on activated charcoal	10% Pd basis	10g x 2	22,000.00
606.	4-Carboxyphenylboronic Acid extrapure, 97%	CAS Number: 14047-29-1	5g x 1	4067.00
607.	4-Cyanophenylboronic Acid extrapure, 95%	CAS Number: 126747-14-6	25g x 1	27664.00
608.	3-Cyanophenylboronic Acid extrapure, 97%	CAS Number: 150255-96-2	25g x 1	12703.00
609.	4-Formylphenylboronic Acid extrapure, 95%	CAS Number: 87199-17-5	25g x 1	8223.00
610.	4-Methoxyphenylboronic Acid extrapure, 98%	CAS Number: 5720-07-0	25g x 1	7679.00
611.	3-Nitrophenylboronic Acid extrapure, 97%	CAS Number: 13331-27-6	25g x 1	9316.00
612.	4-Methylphenylboronic Acid	CAS Number: 5720-05-8	25g x 1	13,400.00
613.	4-Nitrophenylboronic Acid	CAS Number: 24067-17-2	5g x 1	56,000.00
614.	3-Formyl-4-methoxyphenylboronic acid	CAS Number: 121124-97-8	5g x 2	8420.00
615.	4-Pyridinecarboxaldehyde	CAS Number: 872-85-5	25g x 2	4300.00
616.	Potassium tetrachloroplatinate(II)	CAS Number: 10025-99-7	5g x 1	41,647.20
617.	Potassium tetrachloropalladate(II)	CAS Number: 10025-98-6	1g x 3	36,000.00
618.	Palladium(II) nitrate dihydrate	CAS Number:	1g x 2	24,000.00



		32916-07-7		
619.	Sodium tetrphenylborate	CAS Number 143-66-8	25g x 1	5,083.80
620.	Acetonitrile	CAS Number: 75-05-8	2.5 L x 6	30,000.00
621.	Methanol		25 L x 10	20,000.00
622.	Hexane		25L x 10	27,000.00
623.	DCM		25L x 10	35,000.00
624.	Ethylacetate		25L x 10	30,000.00
625.	Chloroform		25L x 5	18,000.00
626.	Isopropanol		25L x 6	21,000.00
627.	Toluene		25L x 2	7,000.00
628.	Ethyleneglycol		25L x 2	11,000.00
629.	THF		2.5L x 6	15,000.00
630.	N,N-Dimethylformamide		2.5L x 6	30,000.00
631.	ECL (NORMAL, CLARITY MAX)		6	90000
632.	PHENOL-CHLOROFORM MIX		2 bottles	15000
633.	TEMED		50 ml	5000
634.	TCA		25 gm	10000
635.	DEPC		25 gm	10000
636.	HEXADIMETHRINE BROMIDE		10 gm	12000
637.	PARAFORMALDEHYDE		100 ml	10000
638.	TRIZOL		500 ml	50000
639.	IPTG		25 gm	40000
640.	CYCLO HEXIMIDE		10 gm	15000
641.	PIC		20 gm	60000
642.	NICOTINAMIDE		10 gm	5000
643.	PMSF		10 gm	20000
644.	MG132		5 mg	10000
645.	ATP		5 mg	8000
646.	10mM dNTP mix		5 x 100 mM bottle	10000
647.	Retinoic acid		5 mg	6000
648.	Doxorubicin		5 mg	8000
649.	Amphotericin		5 mg	5000
650.	Ampicillin sodium salt		50 g	15000
651.	DTT		5 gm	5000
652.	Kanamycin		10 gm	8000
653.	Puromycin		5 gm	8000
654.	Gentamycin		5 gm	8000
655.	X-Gal		1 gm	12000
656.	Chloramphenicol		5 gm	5000
657.	Protein Ladder		20 x 250 ul	150000
658.	DNA Ladder HMW		20 x 250 ul	60000
659.	4-iodophenyl boronic acid		25g	
660.	5-Fluorouracil		5g	
661.	Adenine		25g	
662.	Ammonium acetate		500g	1500

663.	Ammonium bicarbonate		500g	1500
664.	Ammonium chloride		500g	1500
665.	Ammonium sulphate (purified)		500g	1500
666.	APS		100g	2500
667.	Brilliant Blue R		10g	2000
668.	Bromophenol Blue		5g	2500
669.	Calcium chloride		500g	1500
670.	Coomassie brilliant blue G		25g	2500
671.	EDTA		500g	7000
672.	EtBr		5g	5000
673.	Glycine		4 x 5kg	60000
674.	Guanidine Hydrochloride		500g	3000
675.	Hepes Buffer		100g	5000
676.	Imidazole		100g	4000
677.	Lithium Chloride		500g	4000
678.	Magnesium chloride hexahydrate		500g	1500
679.	Manganese chloride tetrahydrate		500g	1500
680.	Pluronic F-68		100g	6000
681.	Potassium carbonate		500g	1500
682.	Potassium chloride		2 x 5kg	20000
683.	Potassium dihydrogen phosphate		500g	1500
684.	Potassium hydroxide		500g	1500
685.	Potassium permanganate		500g	1500
686.	SDS		1kg	10000
687.	Sodium acetate		250g	2000
688.	Sodium azide 99.5%		25g	3000
689.	Sodium Butyrate		100g	8000
690.	Sodium deoxycholate		100g	6000
691.	Sodium hydroxide		500g	2000
692.	Xylene cyanol		5g	2000
693.	2-Mercaptoethanol		250ml	4000
694.	Agarose		4 x 500g	20000
695.	Boric acid		500g	2000
696.	Glycerol		6 x 2.5L	20000
697.	HEPES		100g	5000
698.	IGEPAL		100ml	10000
699.	LB Agar		8 x 500g	25000
700.	LB Broth		8 x 1kg	20000
701.	Sodium Chloride		2 x 5kg	12000
702.	Triton X-100 (mol grade)		250ml	5000
703.	Trizma base		4 x 5kg	30000
704.	Clamps for western blot apparatus		8	5000
705.	MiniTrans Blot Cell Module		4	15000
706.	Nitrocellulose membrane		18	200000
707.	PVDF membrane		2	25000
708.	Whatman chromatography paper		5	40000
709.	Combs,10 well,15well(0.75mm,1mm)		5	3000
710.	Ethanol(Molecular Biology Grade)		15 bottles (500 ml each)	15000

711.	Ultrapure water		15 bottles (500 ml each)	10000
712.	2-propanol (Molecular Biology Grade)		3 bottles (2.5 lit each)	12000
713.	Glycerol		10 bottles (2.5 lit each)	25000
714.	Glacial Acetic acid		3 bottles (2.5 lit each)	9000
715.	Formaldehyde		1 bottle (500 ml)	2500
716.	DMSO		1 bottle (500ml)	6000
717.	Tissue grade isopropanol		10 drums (25 lit each)	30000
718.	Methanol		12 drums (25 lit each)	30000
719.	PCR purification kit		16 boxes (50 columns in each box)	50000
720.	Gel extraction kit		5 boxes (50 columns in each box)	20000
721.	Plasmid miniprep kit		30 boxes (50 columns in each box)	120000
722.	Plasmid midiprep kit		8 boxes (25 columns in each box)	150000
723.	RT-PCR plate sealers		4 packets (100 sealers in each packet)	40000
724.	Isopropanol(For RNA extraction)		1 bottle (500ml)	3000
725.	Chloroform(For RNA extraction)		1 bottle (500ml)	5000
726.	Parafilm		15 no	20000
727.	PDB media	HIMEDIA	3	3200
728.	3,5-Dinitrosalicylic acid	HIMEDIA	2	4750
729.	v 8 media	HIMEDIA	4	5000/ unit
730.	formaldehyde	HIMEDIA	1	6000/unit
731.	formamide	HIMEDIA	1 unit	6000/ unit
732.	HCL conc. for washing	HIMEDIA	3LIT	3000/lit
733.	Chloramphenicol	HIMEDIA	10ST	1380
734.	Toluidine blue	HIMEDIA	1	728
735.	Sodium tetraborate (borax)	HIMEDIA	1	237
736.	Lead (II) nitrate [Pb(NO <sub>3</sub> ) <sub>2</sub> ]	HIMEDIA	1	491
737.	Tri-sodium citrate	SIGMA	1	475
738.	Uranyl acetate [UO <sub>2</sub> (CH <sub>3</sub> COO) <sub>2</sub> ]*2 H <sub>2</sub> O]	SIGMA	1	12420
739.	Magnesium Sulphate Heptahydrate for molecular biology, 99.5%	SIGMA	2	1232

740.	Sulfuric Acid (H2SO4) conc.	SIGMA	1	3,517.74
741.	Acetic anhydride	SIGMA		
742.	Hammarsten casien	SIGMA	1	2268
743.	DL-Dithiothreitol (DTT)	SIGMA	1	2300
744.	Papain 2x USP ex. Papaya Latex (cryst)	SIGMA	1 (100mg)	4167
745.	Trypsin ex. Bovine Pancreas for cell culture	SIGMA	1	920
746.	a-Chymotrypsin	HIMEDIA	1	3,291.00
747.	Trichloroacetic acid solution (6.1 N)	SIGMA	1	6,205.12
748.	L-Tyrosine	SIGMA	1	368
749.	Dimethyl Sulphoxide (DMSO)	HIMEDIA	1	2400
750.	N-Acetyl-L-Tyrosine Ethyl Ester (ATEE)	HIMEDIA	1 (5gm)	5,420.00
751.	N $\alpha$ -Benzoyl-DL-arginine p-nitroanilide hydrochloride, BANI, BAPNA	HIMEDIA	1 (1gm)	6,907.00
752.	Sodium Carbonate Anhydrous pure	HIMEDIA	1	205
753.	4-Nonylphenylpolyethylene glycol	HIMEDIA	1	800
754.	TRIS hydrochloride	HIMEDIA	1	6500
755.	DNase soluton	SIGMA	1	2491
756.	glass bead undrilled	SIGMA	1	1600
757.	mycostatin	SIGMA	1	2956
758.	lysozyme	SIGMA	1	4000
759.	choloroform	SIGMA	1	7000
760.	DAPI STAIN	MERCK	1	3172
761.	Proteinase	MERCK	1	5377
762.	2-propanol	MERCK	1	1596
763.	idonitrotetrazolium	HIMEDIA	1	2200
764.	iodine	HIMEDIA	1	2512
765.	leishman stain solution	HIMEDIA	25lit	4000
766.	IPA solution	HIMEDIA	1	1800
767.	RIFAMPICIN	HIMEDIA		
768.	MB032,Urea,1KG	HIMEDIA	1KG	1,258.74
769.	GRM3063, Sucrose,1KG	HIMEDIA	1KG	1,039.50
770.	RM1592,PMSF,5G	HIMEDIA	5GM	2,773.58
771.	GRM1195,EDTA Disodium Salt,100G	HIMEDIA	100GM	250.42
772.	RM074,Lysozyme,5G	HIMEDIA	5GM*2	4,016.24
773.	LA390,Dialysis Membrane-60,30MT	HIMEDIA	2 PACK	7800
774.	LA404,Dialysis Closure Clips	HIMEDIA	1 PACK	6,048.00
775.	MB030,Tris Hydrochloride,1KG	HIMEDIA	1 KG	6,602.72
776.	MB013,Glycine,1KG	HIMEDIA	1KG *2	2,000.00
777.	DIALYSIS BAG (30KDA)	HIMEDIA	1	NA
778.				
779.	Kanamycine powder	HIMEDIA	25g	7906.00/25g
780.	HPLC grade methanol	HIMEDIA	1	11,050
781.	HPLC grade chloroform	HIMEDIA	1	18,000
782.	sodium hypochloride	HIMEDIA	1	3000
783.	DEPC	SIGMA	2	10000.00
784.	Folin Cioalteau	SIGMA	1 LITRE	20000.00
785.	ECL Substrate	BioRAD	X2 250ml	21000.00
786.	Methanol	RANKEM	25 LITRE x2	6000.00
787.	Isopropanol	MERCK	1 LITRE x 10	3000.00

788.	BSA	MERCK	50gm x 4	50000.00
789.	Sodium Deoxycholate	Sigma	5gm x 2	21000.00
790.	IBMX	Sigma	100mg x 2	4000.00
791.	SPECTINOMYCIN	Sigma	5g	11000.00
792.	CARBENICILIN	Sigma	1ml	19000.00
793.	MDiVi-1	sigma	5mg x 4	6500.00
794.	B27 supplements	gibco	10ml	10000.00
795.	TGFβ1	SIGMA	1μg x 4	25000.00
796.	ETOMOXIR	Calbiochem	5mg x 2	16000.00
797.	RNA iMAX	Invitrogen	1.5ml x 4	74000.00
798.	LEPTIN	Merck	1mg x 2	25000.00
799.	BPTES	Sigma	5mg x 2	13000.00
800.	DIETHYL GLUTATHIONE ESTER	Sigma	25mg x 2	7000.00
801.	FBS	Gibco/ Himedia/ PAN/ MP Biomedicals	10	40000
802.	LIPOFECTAMINE- 3000	Invitrogen	X2	130,000.00
803.	CellLight™ Actin-GFP, BacMam 2.0	INVITROGEN- C10506	100μl x 2	12000.00
804.	Cell Light Golgi-GFP	Invitrogen	1ml x 2	50000.00
805.	NUC RED	Thermofisher	1 x 2	24000.00
806.	DRAQ 5	Invitrogen	50 μl x 2	25000.00
807.	Mitotracker red	Thermofisher	100 μg x 3	36000.00
808.	Mitotracker red	Thermofisher	100 μg x 3	37000.00
809.	Cell Mask Deep Red Actin Tracking	Invitrogen	3	35000.00
810.	Nonyl acridine orange	Invitrogen	100mg x 2	12000.00
811.	Phalloidin Alexa Fluor 488	Thermofisher	2	46000.00
812.	Protein marker	Biorad	500 μl x 6	150000.00
813.	Mounting medium	Invitrogen	10ml x 4	19000.00
814.	Annexin V FITC kit	Sigma	1 assay kit x 2	30000.00
815.	Sybr Green	Biorad	5ml x 10	35000.00
816.	Trizol	Thermofisher	X5 100ml	16000.00
817.	Matrigel	Corning	5ml x 4	140000.00
818.	DCFDA	Sigma	50mg x 4	4400.00
819.	2 de-oxyglucose	Sigma	5g x 4	35000.00
820.	Rotenone	Merck	5g x 4	20000.00
821.	Antimycin	Sigma	25mg x 4	7000.00
822.	FCCP	Sigma	10mg x 4	16000.00
823.	Plasmid isolation kit	Qiagen	1 kit x 4	84000.00
824.	RIPA lysis buffer	Sigma	50ml x 4	5000.00
825.	Fatostin	Merck	5mg	11000.00
826.	JC1 dye	Thermofisher	5mg x 2	48000.00
827.	Oligomycin	Sigma	5mg x 4	25000.00
828.	Epidermal growth factor (EGF)	Merck	200 μg x 2	24000.00
829.	Adenosine diphosphate	Sigma	250mg	7000.00
830.	Sodium Malonate	Sigma	100g	10000.00
831.	Sodium Azide	Sigma	25gm	4000.00
832.	ST1326	Merck	1mg	25500.00
833.	Adenosine triphosphate	Merck	5gm	14000.00

834.	Human Insulin	Sigma	100 µl	14000.00
835.	Sodium L- Lactate	Sigma	5gm x 2	7000.00
836.	Doxorubicin	Merck	1 x 2	30000.00
837.	Cisplatin	Merck	50mg x 2	14000.00
838.	Betulin	Merck	5g	33000.00
839.	MTT	Merck	250mg x 4	5000.00
840.	5-Bromo-2'-deoxyuridine	Merck	250mg x 3	7000.00
841.	Penicillin streptomycin	Merck	100ml x 10	2800.00
842.	Glutamax	Thermofisher	100ml x 10	4000.00
843.	Sodium pyruvate	Sigma	5gm x 2	2700.00
844.	Palmitate	Sigma	10gm	14000.00
845.	MOPS Sodium salt	Sigma	25gm	6000.00
846.	Bis acrylamide	SRL	500GM	2600.00
847.	Agarose	Merck	500gm	45000.00
848.	Monocarboxylate transporter Inhibitor	Calbiochem	5mg	23000.00
849.	Nuclease free water	Sigma	1Litre x 5	7000.00
850.	Adiponectin	Sigma	25 µg x 2	27000.00
851.	DAPI stain	Sigma	5mg x 2	6000.00
852.	HOECHST stain	Thermo fisher	5ml x 2	16000.00
853.	Crystal violet	Merck	25gm x 2	4000.00
854.	Haemotoxylin	Merck	100ml x 2	2000.00
855.	Oil Red O	Sigma	25gm x 2	3200.00
856.	Bodipy	Sigma	1mg x 2	20000.00
857.	TGFβ Receptor inhibitor	Merck	2mg x 2	16000.00
858.	Nilered	Merck	100mg x 2	13000.00
859.	MEK inhibitor U0126	Merck	1mg x 2	14000.00
860.	EGF receptor blocker	Merck	5mg x 2	8400.00
861.	Rapamycin	Merck	200 µl x 2	27000.00
862.	Assorted Growth factor and kinase inhibitors	Merck	1 kit x 2	75000
863.	Sea Horse XFe assay kit with cartridge and plates set	Agilent	18 cartridge kit x 10	60000 each
864.	Sea Horse Mito Stress kit	Agilent	5 kits	50000 each
865.	Sea Horse Glycostres kit	Agilent	5 kits	60000 each
866.	Sea Horse Fatty acid oxidation kit	Agilent	5 kits	60000 each
867.	RNA iso	Takara	10 x 200 ml	10000 each
868.	VEGF	Sigma/Santa Cruz	5 mg x 2	20000 each
869.	FGF	Sigma/Santa Cruz	5 mg x 2	20000 each
870.	TGFb	Sigma/Santa Cruz	5 mg x 2	20000 each
871.	EGF	Sigma/Santa Cruz	5 mg x 2	20000 each
872.	Isopropanol (molecular grade)	500ml	1 bottle	3000.00
873.	Chloroform(molecular grade)	25ml	4bottle	5000.00
874.	Disinfectant	500ml	10bottle	5000.00
875.	Isopropanol	2.5lt	2bottle	4000.00
876.	Synthetic chemicals (Telbivudine, DMSO, drugs etc.)	NA	6	60000.00
877.	Isopropanol	Propan-2-ol, extrapure	125 litres	30,000.00
878.	Potassium Chloride	White crystal, assay min. 99%.	1 KG	1,000.00

879.	SYBR Green	A25742	3	1,09,011.00
880.	Acrylamide, 40% solution	A7802-5X100ML	5	17,835.30
881.	Thapsigargin	T9033-1MG	1	15,500.00
882.	Potassium Acetate	236497-500G	1	3,019.20
883.	TAE	1.06023.1000	1	15,960.00
884.	Tris	9210	5	32,800
885.	Solvent for Analysis	1009830511	3	6,600.00
886.	Solution for Leishman Stain for HPLC	2.5 Lt bottle	4	5,500.00
887.	1,4-dithiothreitol (DTT)	10197777001-2gm	1	5,372.40
888.	Iodoacetamide	I6125-10gm	1	8,580.30
889.	Trypsin protease	90057-5x20ug	1	11,049.00
890.	Formic Acid	5330020050	1	8,800.00
891.	Ammonium Bicarbonate	O9830-1kg	1	7,653.28
892.	RIPA buffer	R0278-50ml	1	5,931.80
893.	Sodium azide	S2002-100G	1	4,251.30

<b>Bio-Chemicals</b>				
Sl. No.	Generic Name	Specification	Quantity	Approx Cost (Rs.)
1.	Prestained Protein Ladder		500 ul	13000/-
2.	DNA marker		0.5 ml	6000/-
3.	NdeI		4000U	15000/-
4.	XhoI		5000U	6000/-
5.	Trypsin, MS grade		100ug	12000/-
6.	Phusion DNA Polymerase		500U*2	22000/-
7.	T4 DNA ligase		200U	8000/-
8.	RNaseA		1000U	5000/-
9.	Taq DNA polymerase		500U	6000/-
10.	dNTP mix		1 ml	10,000/-
11.	ATP		10g	17,000/-
12.	HindIII		1000U	3000/-
13.	BamHI		1000U	3000/-
14.	EcoRI		1000U	3000/-
15.	Sucrose	Mol bio grade	10kgs	25000
16.	t-RNA	Mol bio grade	2 vials	12000
17.	GTP analogue	Mol bio grade	1 vial	40000
18.	ATP analogue	Mol bio grade	1 vial	28000
19.	Bovine serum albumin	Mol bio grade	25gm*10	30000
20.	Hydrolysable GTP	Mol bio grade	25mg*2	13500
21.	2-Propanol LR		3	18000.00
22.	FBS	500ml	5	63000.0
23.	A-glucosidase from <i>S. cerevisiae</i>	sigma		
24.	4-nitrophenyl $\alpha$ -D-glucopyranoside	sigma		
25.	A-amylase ex-porcine pancrease	sigma		
26.	Acetylcholinesterase	sigma		
27.	FBS		1	40000
28.	MTT		50mg	3000

29.	pBR322		1	3000
30.	Analytical grade DMSO		1	650
31.	ct DNA		1	1000
32.	Human BDCA4-neutropilin 1 microbead	2 ml	1	1,50,000
33.	Large-sized magnetic columns for positive selection	25 columns	2	1,36,890
34.	Medium-sized magnetic columns for positive selection	25 columns	2	86,940
35.	SARS-CoV-IgG ELISA kit	96 wells	2	81900
36.	ANA ELISA Kit	96 wells	2	46000
37.	SARS-CoV-IgA ELISA kit	96 wells	2	100000
38.	SARS-CoV-IgM ELISA kit	96 wells	2	100000
39.	UPAR ELISA Kit	96 wells	1	70000
40.	Primary Cell Nucleofection Buffer	24 rxns	4	154000
41.	Mouse CD4 microbead	2ml	1	100000
42.	Human CD4 microbead	2ml	1	100000
43.	DOTAP transfection reagent	2ml	2	80000
44.	RPMI 1640 media	500ml	10	20000
45.	DMEM media	500ml	10	20000
46.	Sodium pyruvate media supplement	100ml	2	6000
47.	Anti-anti media supplement	100ml	2	6000
48.	PenStrep media supplement	100ml	2	6000
49.	L-Glutamine media supplement	100ml	2	6000
50.	Non-essential amino acids media supplement	100ml	2	6000
51.	Fetal bovine serum for cell culture	500ml	1	80000
52.	Trypsin-EDTA, cell culture	100ml	1	30000
53.	HiSep for gradient centrifugation	500ml	2	16000
54.	collagenase	1gm	2	30000
55.	Bovine serum albumin fraction V, cell culture grade	100gm	2	60000
56.	DMSO cell culture grade	100ml	2	20000
57.	phosphate buffer saline pH 7.4, cell culture grade	20 litres	15	30000
58.	Sybr green + real time PCR plates	25ml	1	70000
59.	cDNA synthesis kit	200rxns	2	46000
60.	DMEM	500 ml	10	30000.00
61.	Amphotericin-B	50 ml	1	6000.00
62.	Ponceau S reagent	50gm	1	12000.00
63.	Penicillin-Streptomycin	5ml	10	8000.00
64.	Restriction enzymes	Gene cloning	5	30,000.00
65.	T4 DNA ligase	Gene cloning	1	25,000.00
66.	Trizol (100 ml)	For RNA isolation	1	15,000.00
67.	Lipofectamine 3000	Transfection reagent	1 kit	55,000.00
68.	Cell culture media (10ltr. /pkt.)	Powder media for cell culture	2pkt.	10,000.00
69.	siRNA	Knock down	1	20,000.00
70.	Fetal Bovine Serum	Cell culture reagent		<b>2,00,000.00</b>



71.	Collagen		25 gms	9000
72.	Chitosan		1 kg	4000
73.	Silk cocoon		5 kg	5000
74.	Carrageenan		5 gms	9000
75.	L- $\alpha$ -Lecithin		100gm	27000
76.	PLGA		100gm	22000
77.	Poly lactic acid		10 ea	18000
78.	Sylgard 184		1.1 kg	12000
79.	Hyaluronic acid		100 mg	10000
80.	Fibroblast growth factor		10 ug	27000
81.	Keratinocyte growth factor		10 ug	30000
82.	Fibroblast growth medium		2 lit	30000
83.	Keratinocyte growth medium		2 lit	30000
84.	Penicillin		100 ml	4000
85.	Streptomycin		100ml	3000
86.	Keratinocyte expansion media serum free		500 ml	7300
87.	IL-1 $\beta$ assay kit		1 kit	40000
88.	IL-6 assay kit		1 kit	42000
89.	IL-8 assay kit		1 kit	45000
90.	VEGF		10 ug	35708
91.	LB broth	Growth media	1X2Kg	9072
92.	Terrific broth	Growth media	2X500gm	5400
93.	Precision Protease	Enzyme	1	15066
94.	Factor Xa	Enzyme	1(50 ug)	12,692.00
95.	Bsal	Enzyme	1	8,865.00
96.	MPro 13b	Protease inhibitor	5mg	28,482.00
97.	MPro peptide	Flouroscent substrate	4mg	46,700.00
98.	Dengue substrate	Peptide substrate	4mg	30,800.00
99.	NcoI	Enzyme	1	7918.16
100.	EcoNI	Enzyme	1	8000.00
101.	BamHI	Enzyme	1	4407.95
102.	EcoRI	Enzyme	1	3836.39
103.	Takara Bgl II	Enzyme	1	5387.50
104.	Takara Hind III	Enzyme	1	4244.36
105.	TEV protease	Enzyme	1	10000.00
106.	Phagocytosis assay kit	Kit	2	Rs. 50,000
107.	Autophagy detection kit	Kit	2	Rs. 45,000
108.	Rat cytokine array kit	Kit	2	Rs. 65,000
109.	Mouse cytokine array kit	Kit	2	Rs. 65,000
110.	Human cytokine array kit	Kit	2	Rs. 65,000
111.	Amyloid beta oligomer	Peptide	10	Rs. 2,00,000
112.	Nerve growth factor	Biochemical	2	Rs. 40,000
113.	Protease inhibitor	Biochemical	5	Rs. 50,000
114.	Protein ladder	Biochemical	10	Rs. 12,000
115.	Immersion oil	oil	5	Rs. 11,000
116.	Max, midi, miniPlasmidkit	Kit	6	Rs. 60,000
117.	ChIP assay kit	Kit	2	Rs. 38,000
118.	STAT3 inhibitor	Biochemical	2	Rs. 25,000

119.	PI3K inhibitor	Biochemical	2	Rs. 25,000
120.	3 Methyl adenine	Biochemical	2	Rs. 25,000
121.	Pan-caspase inhibitor	Biochemical	2	Rs. 25,000
122.	LysoTracker red	Kit	2	Rs. 30,000
123.	Lenti-ORF particles	Biochemical	2	Rs. 78,000
124.	Protein A agarose beads	Biochemical	2	Rs. 5000
125.	Taqman microRNA	Kit	5	Rs. 33,000
126.	cDNA synthesis kit	Kit	10	Rs. 10,000
127.	RT-PCR kit	Kit	10	Rs. 15,000
128.	Qiagen exosome kit	Kit	5	Rs. 30,000
129.	TGF-B	Growth factor	4	Rs. 50,000
130.	OPTI-MEM	Medium	5	Rs. 10,000
131.	DMEM high glucose medium	Medium	10	Rs. 5000
132.	DMEM low-glucose medium	Medium	10	Rs. 5000
133.	RPMI medium	Medium	5	Rs. 5000
134.	DMEM-F12 medium	Medium	10	Rs. 5000
135.	Trypsin-EDTA	Medium	10	Rs. 10,000
136.	Mouse TIMP-1 quantitative assay kit	Kit	2	Rs. 46,000
137.	Prolong gold antifade reagent	Biochemical	4	Rs. 25,000
138.	sAPP ELISA kit	Kit	4	Rs. 52,000
139.	DAPT	Inhibitor	5	Rs. 18,000
140.	DNA ladder	Biochemical	10	Rs. 15,000
141.	Lipofectamine	Biochemical	5	Rs. 80,000
142.	DMEM, 500ML		500ml	2,351.36
143.	DMEM, 500ML		500ml	3,906.71
144.	MEM EARLES, 500ML		500ml	2,574.45
145.	RPMI 1640, 500ML		500ml	3,637.53
146.	RPMI 1640, 500ML		500ml	2,641.48
147.	RPMI 1640, 500ML		500ml	4,741.47
148.	MEM NEAA- 100X, 100ML		100ml	2,073.80
149.	DMEM, 10 X 500ML		Each	19,970.30
150.	FBS- QUALIFIED, 500ML		500ml	12,567.45
151.	PENICILLIN STREPTOMYCIN SOL, 20ML		20ml	1,270.47
152.	TRYPsin 0.25% EDTA, 100ML		100ml	1,319.69
153.	TRYPAN BLUE STAIN, 100ML		100ml	1,693.61
154.	DPBS, 10X1L		Each	4,074.29
155.	HBSS, 1000ML		1000ml	4,004.11
156.	OPTI MEM I, 100ML		100ml	2,215.20
157.	Cell culture Media	20L	1	129760
158.	FBS	2L	1	177773
159.	Serum replacement	500ML	1	40060
160.	Antibiotic	500mL	2	40000
161.	Trypsin	1L	1	11096
162.	SYBR green	15ml	1	48000
163.	MS grade trypsin	400ug	1	25720
164.	COLLAGENASE	100MG	1	6,986.01
165.	HYALURONIDASE	100MG	1	4,395.10
166.	EGF	100ug	1	40710

167.	FGF	50ug	1	52830
168.	Insulin	5ml	1	10800
169.	L-Glutamine	20mL	2	1886
170.	IL2	1mL	2	44266
171.	Cell stimulation cocktail	100uL	2	17406
172.	Ficoll	1pack	1	11818
173.	RNA stabiliser	500ml	1	16000
174.	Protein ladder (10-200 kDA)	500ul	1	10000
175.	LB agar (powder)	500 gm	1	5000
176.	LB medium (powder)	500 gm	1	5000
177.	salmon sperm DNA	1gm	1	10000
178.	Yeast tRNA	1gm	1	10000
179.	BSA	100 gm	1	20000
180.	Trizol	200ml	1	6000
181.	Streptavidin magnetic bead	2 ml	1	50000
182.	Matrigel for 3D culture	10mL	1	47596
183.	RIPA Buffer	50 ml	1	5000
184.	Lenti-X concentrator	Biochemical	3	Rs. 30000
185.	Retronectin R transduction reagent	Biochemical	3	Rs. 20,000
186.	DMEM glutamine-free medium	Medium	10	Rs. 30,000
187.	TIMP-1	Recombinant protein	1	Rs 50,000
188.	Insulin	Biochemical	3	Rs 25,000
189.	Poly-D-lysine	Chemical	3	Rs 40,000
190.	B-27 supplement	Biochemical	3	Rs 45,000
191.	FLAG BEADS		15 ml	200000
192.	HA BEADS		5 ml	100000
193.	GST BEADS		10 ml	20000
194.	NI-NTA BEADS		10 ml	20000
195.	L-GST PEPTIDE		20 gm	30000
196.	SUREBEADS PROTEIN A MAG. BEADS		25 ml	50000
197.	SUREBEADS PROTEIN G MAG. BEADS		10 ml	50000
198.	OPTIMEM POWDER		5 x 1 lit	20000
199.	DMEM		10 lit X 12	50000
200.	CLICK-IT RNA ALEXAFLUOR KIT		1	70000
201.	RNASE-A		5 ml	15000
202.	CLICK-IT RNA ALEXAFLUOR KIT		1	70000
203.	ACRYLAMIDE		10 x 1lit	50000
204.	ALEXA-FLUOR 488 GOAT ANTI RABBIT		2	15000
205.	ALEXA-FLUOR 488 GOAT ANTI MOUSE		2	15000
206.	ALEXA-FLUOR 594 GOAT ANTI RABBIT		2	15000
207.	ALEXA-FLUOR 594 GOAT ANTI MOUSE		2	15000
208.	ALEXA-FLUOR 405 GOAT ANTI RABBIT		2	15000

209.	ALEXA-FLUOR 405 GOAT ANTI MOUSE		2	15000
210.	3X FLAG PEPTIDE		100 mg	100000
211.	BSA, SOLUTION		10 ml	10000
212.	GRACE INSECT MEDIA		5 x 1 lit	20000
213.	Ubiquitin		100 ug	4000
214.	Kinase Inhibitors		5 mg	15000
215.	Acetyl coenzyme sodium salt		1 mg	6000
216.	p38 inhibitor		5 mg	7000
217.	CDK7 inhibitor		5 mg	7000
218.	DRB		1 mg	6000
219.	Blasticidin		5 gm	4000
220.	Plasmocin		4 x 1 ml	30000
221.	Human Recombinant TNF-alpha		100 ug	6500
222.	EGF		100 ug	6500
223.	Proteinase K from Tritirachium album		5 gm	12000
224.	Salmon sperm DNA		2 x 1ml	9000
225.	Trypsin		30 x 100 ml	36000
226.	Penecillin-Streptomycin		30 x 100 ml	36000
227.	Fetal Bovine Serum		16 x 500 ml	400000
228.	FLAG-HA affinity purification kit		3	120000
229.	Dual Luciferase reporter assay kit		4 x 100 rxn	40000
230.	AgeI restriction enzyme		100 ul	8000
231.	Apal restriction enzyme		100 ul	8000
232.	BamHI-HF restriction enzyme		100 ul	8000
233.	Clal restriction enzyme		100 ul	8000
234.	EcoRI-HF restriction enzyme		100 ul	8000
235.	EcoRV-HF restriction enzyme		100 ul	8000
236.	HindIII-HF restriction enzyme		100 ul	8000
237.	KpnI-HF restriction enzyme		100 ul	8000
238.	NheI-HF restriction enzyme		100 ul	8000
239.	NcoI restriction enzyme		100 ul	8000
240.	NcoI-HF restriction enzyme		100 ul	8000
241.	NotI-HF restriction enzyme		100 ul	8000
242.	NdeI restriction enzyme		100 ul	8000
243.	PstI restriction enzyme		100 ul	8000
244.	SmaI restriction enzyme		100 ul	8000
245.	Sall-HF restriction enzyme		100 ul	8000
246.	SacI-HF restriction enzyme		100 ul	8000
247.	SphI-HF restriction enzyme		100 ul	8000
248.	T4 DNA Ligase		250 ul	50000
249.	XbaI restriction enzyme		100 ul	8000
250.	XhoI restriction enzyme		100 ul	8000
251.	Fast Digest BamHI		2 x 1 ml	25000

252.	Fast Digest EcoRI		2 x 1 ml	25000
253.	Fast Digest HindIII		2 x 1 ml	25000
254.	Fast Digest KpnI		2 x 1 ml	25000
255.	Fast Digest PstI		2 x 1 ml	25000
256.	Fast Digest XhoI		2 x 1 ml	25000
257.	Fast Digest XbaI		2 x 1 ml	25000
258.	NotI restriction enzyme		100 ul	8000
259.	Dpn1 restriction enzyme		250 ul	20000
260.	Phusion HF-DNA polymerase		4 x 250 ul	30000
261.	Long PCR enzyme mix		200 ul	15000
262.	Verso cDNA synthesis kit		6	50000
263.	ExPrime Taq polymerase	NeBiolab	5unit	4000/unit
264.	T4DNA ligase	NeBiolab	2unit	4500/unit
265.	soil metagenome kit	NeBiolab	1unit	95000//unit
266.	faststart essential DNA green master	NeBiolab	1 unit	28000/unit
267.	restriction enzymes NEB	NeBiolab	20 unit	35000/unit
268.	REbuffers- Cutsmart buffer, NEBuffer3	NeBiolab		16000/unit
269.	DNA ladder	Thermo	1 unit	12000/unit
270.	Flowcell	Nanopore	10 unit	70000/unit
271.	antibiotics	Thermo	10 unit	6500/unit
272.	vector	Thermo	4 unit	9000/unit
273.	cDNA synthesis kit	Thermo	2 unit	25000/unit
274.	high fidelity DNA polymerase	Thermo	3 unit	16000/unit
275.	nuclease free water	NeBiolab	1 unit	16000/ unit
276.	trizol	Himedia	2 unit	12000/unit
277.	beta galactosidase	Himedia	4 unit	4000 /unit
278.	plastic spreader	Himedia	3 unit	1200/ unit
279.	CHAPS buffer	Himedia	5 gram	5000/ gram
280.	RNA zap	Thermo	1 unit	12000/ unit
281.	isoamyl alcohol molecular grade	Himedia	2 unit	6000/unit
282.	2 propanol molecular grade	Himedia	2 unit	7000/ unit
283.	EDTA	Himedia	2 unit	6000/unit
284.	DTT	Thermo	2 unit	8000/unit
285.	PCR purification kit 250 rxn	Thermo	2 unit	40000/ unit
286.	Gel purification kit 250 rxn	Thermo	2 unit	40000/ unit
287.	Mini prep 250 rxn	Thermo	2 unit	40000/ unit
288.	MOPS	Thermo	2 unit	12000/ unit
289.	RQ1 RNase-Free Dnase	Thermo	1 unit	7000/ unit
290.	RNA Markers	Thermo	1unit	16000/ unit
291.	Cellophane Membrane	Thermo	1 unit	7000/ unit
292.	cTAB	Himedia	1 unit	30000/ unit
293.	Sodium dodecyl sulphate	Himedia	2 unit	12000/unit
294.	tween 20	Himedia	1 unit	6000/unit
295.	IPTG	Himedia	2 unit	5000/unit
296.	X Gal	Himedia	1 unit	11000/ unit
297.	SYBR green	Sigma	2 unit	35000/ unit
298.	Triton X-100	Sigma	1 unit	12000/unit
299.	sorbitol	Sigma	2 unit	5000/ unit

300.	DAB	Sigma	1unit	12000/ unit
301.	Trypan blue	Sigma	1 unit	5000/unit
302.	H2O2	Sigma	1 unit	6000/ unit
303.	Alkaline phosphate	Sigma	1 unit	8000/ unit
304.	Sodium nitrate	Himedia	5kg	750.00/kg
305.	Hymexazol	TCI	4unit	2000/unit
306.	pentacholonitrobenzene	sigma	2unit	6500/unit
307.	Lead nitrate	sigma	500gm	1000.00
308.	Uranyl acetate dihydride	sigma	5gm	15000.00
309.	CHIP KIT	MILLIPORE	2	50000
310.	FBS	MP Bio	500ml x 10	35000.00
311.	Protein A Magnetic AGAROSE Beads	BIORAD	2	36000.00
312.	0.25% Trypsin EDTA	GIBCO	500mlx10	4500.00 each
313.	OptiMEM	Gibco	500ml x 10	5000.00 each
314.	L-LACTATE ASSAY KIT	CAYMAN	2	50000.00 each
315.	HUMAN ADIPOKINE ASSAY KIT	R&D Systems	2	44000.00
316.	MATRIGEL INSERT AND PLATE (6WELL/24WELL)	BD	1 pack x 4	20000.00 each
317.	DUAL LUCIFERASE ASSAY KIT	PROMEGA	1kit x 4	22000.00 each
318.	cDNA Synthesis kit	BioRad	X5 units	150000.00 each
319.	GLUCOSE UPTAKE ASSAY KIT	Promega	5ml x 2	35000.00
320.	ISCRIPIT CDNA SYNTHESIS KIT	Biorad	X5 kits	150000.00
321.	RPMI 1640	Gibco	500ml x 10	2500.00 each
322.	MEM $\alpha$	Gibco	500ml x 10	4500.00 each
323.	DMEM High Glucose	Gibco	500ml x 10	4500.00 each
324.	MCDB	Gibco	500ml x 5	5400.00 each
325.	Media199	Gibco	500ml x 10	3000.00 each
326.	Phosphate Buffered Saline	Gibco	500ml x 10	2500.00 each
327.	Mitochondria isolation kit	Thermo fisher	115ml	47000.00
328.	PDHA Assay kit	AbCAM	1 KIT	35000.00
329.	Nuclear cytoplasmic fractionation kit	Thermofisher	15ml	42000.00
330.	Fatty Acid Oxidation Assay kit	Abcam	2 kit	38000.00 each
331.	Fatty acid synthase ELISA kit	Abcam	2 kit	40000.00 each
332.	ATP Assay kit	Perkin elmer	2 kit	10000.00 each
333.	CPT1 Enzyme assay kit	Mybiosource	1 kit	31000.00
334.	Human cytokine array kit	R&D systems	1 kit	45000.00
335.	BrdU assay kit	Merck	2 kit	34000.00

336.	PML siRNA	Santacruz	2	18000.00
337.	SiSMAD2	SANTACRUZ	2	18000.00
338.	SISIRT4	SANTA CRUZ	2	18000.00
339.	SIHDAC1	SANTA CRUZ	2	18000.00
340.	SIHDAC2	SANTA CRUZ	2	18000.00
341.	Drp1 siRNA	SANTA CRUZ	2	18000.00
342.	Opa1 siRNA	SANTA CRUZ	2	18000.00
343.	Fis1 siRNA	SANTA CRUZ	2	18000.00
344.	SREBP1 siRNA	SANTA CRUZ	2	18000.00
345.	DAXX siRNA	SANTA CRUZ	2	18000.00
346.	Ets1 siRNA	SANTA CRUZ	2	18000.00
347.	PitX2 siRNA	SANTA CRUZ	2	18000.00
348.	CPT1 siRNA	SANTA CRUZ	2	18000.00
349.	FGF16 siRNA	Santa Cruz	2	18000
350.	Hdac1 plasmid	Addgene	2	14000.00
351.	HDAC2 PLASMID	Addgene	2	14000.00
352.	CPT1 plasmid	Addgene	2	14000.00
353.	SREBP1 plasmid	Addgene	2	14000.00
354.	HDAC1 PROTEIN	Merck	500µg x2	50000.00
355.	HDAC2 PROTEIN	Merck	50 µg x2	50000.00
356.	DAXX protein purified	Novus	10 µg x2	50000.00
357.	Ets1 protein purified	Novus	10 µg x2	50000.00
358.	MMP2 Promoter construct	Addgene	2	14000.00
359.	BCI2 promoter construct	Addgene	2	14000.00
360.	MMP9 promoter construct	Addgene	2	14000.00
361.	MMP13 promoter construct	Addgene	2	14000.00
362.	NRF2 plasmid	Addgene	2	14000.00
363.	LDHA Activity assay kit	Merck	2	51000.00
364.	LDHA siRNA	Santacruz	2	18000.00
365.	PVDF Membrane	Merck	1 pack x4	35000.00
366.	B27 Supplement	Gibco	10ml x2	10000.00
367.	Ets2 siRNA	Santacruz	2	18000.00
368.	Ets2 plasmid	Addgene	2	14000.00
369.	HDAC 1 siRNA	Santacruz	2	18000.00
370.	HDAC2 siRNA	Santacruz	2	18000.00
371.	Plasmid constructs	Addgene	50	14000 each
372.	Antibodies	Santacruz	20	25000 each
373.	Antibodies	Cell signalling	20	25000 each
374.	Antibodies	Abclonal	30	15000 each
375.	Antibodies	Abcam	10	35000 each
376.	Antibodies	Sigma	20	25000 each
377.	Fetal Bovine serum	Gibco	10	40000 each
378.	Fetal Bovine Seum	MP Biomedicals	10	37000 each
379.	Fetal Bovine Serum	Hi Media	10	25000 each
380.	Cell culture Medium of different types	Gibco	20 liters	10000 per lit
381.	Cell culture Medium of different types	Hi Media	10 lit	5000 per lit

382.	SyBr green RT-PCR reagent	BioRad/ Invitrogen/ Takara/ GeneX	50 ml	100000
383.	cDNA synthesis kit	BioRad/ Takara/ Invitrogen/ GeneX	1000 reactions	100000
384.	Chemilumiscent substrate for western	Biorad/ GE/ Merck/ Takara	500 ml x 6	25000 each
385.	Transfection reagent/Lipofectamine	Invitrogen	1.5 ml x 4	60000 each
386.	ChIP kit	Upstate/ Millipore/ GeneX	2	50000 each
387.	SiRNA	Sant Cruz/ Biotech Resk/ others	20	18000 each
388.	Taq Polymerase	Invitrogen/ Takara	10000 unit	50000
389.	DMEM	500 ml	10	30000.00
390.	MEM	500ml	5	19000
391.	Amphotericin-B	50 ml	1	6000.00
392.	Ponceau S reagent	50gm	1	12000.00
393.	Penicillin-Streptomycin	5ml	10	8000.00
394.	Solution for Leishman stain	HPLC & Spectroscopy grade, Refractive index 1.328-1.329, Distillation range 65.0°C (Min 95%).	10 litres	2,500.00
395.	Griess Reagent	Quality level 200, quantity 10gms in poly bottle, for measuring nitric oxide (NO) degradation.	10 gms	10,000.00
396.	Super Reverse Transcriptase, 50 reaction kit.	50 reactions, 10000U(200u/ul), MuLV.		25,000.00
397.	PCR reagents	Taq polymerase, dNTP, Reaction buffer,		15,000.00
398.	Surveyor Assay Kit	Mutation detection kit		30,000.00
399.	7 AAD	Viability staining		6,500.00
400.	HI- FBS	10082147	4	1,83,568.00
401.	Trypsin EDTA	25200072	2	9,000.00
402.	PageRuler™ Prestained Protein Ladder	26616	2	12,713.00
403.	PBS	TL1022	5	4,500.00
404.	Trizol	10296010	1	27,170.00

<b>Glasswares</b>				
Sl. No.	Generic Name	Specification	Quantity	Approx Cost (Rs.)
1.	Beakers, reagent bottles, conical flasks			15000/-
2.	Measuring cylinder		5	2000
3.	Conical Flasks		10	5000
4.	Conical flask	100ml		
5.	Conical flask	250ml		



6.	Conical flask	50ml		
7.	Conical flask with joint	50 ml		
8.	Beaker	100 ml		
9.	Beaker	500ml		
10.	TLC chamber	1000ml		
11.	Measuring Cylinder			
12.	Sample vials			
13.	Borosil sample bottle	50 ml		
14.	Borosil sample bottle	250 ml		
15.	Borosil sample bottle	500 ml		
16.	Glass funnel			
17.	Glass column			
18.	NMR tubes			
19.	Reagent bottle stopper	Neck size 19		
20.	96 well TC treated		100	6000
21.	60mm Cell Culture Discs		500	3500
22.	Separatory Funnel 500ml Teflon stopcock		5	3750.00
23.	Distillation Setup 500 ml Glass stopcocks		2	3900
24.	Lid for Reaction flask		3	6600
25.	Jacketed Coil Condenser		4	7000
26.	Reagent bottles, Amber	1000 mL	20	10,000
27.	Reagent bottles, Amber	500 mL	20	10,000
28.	Reagent bottles, Amber	250 mL	20	8,000
29.	Reagent bottles, Amber	100 mL	20	8,000
30.	Reagent bottles, Amber	50 mL	20	8,000
31.	Reagent bottles	100 mL	20	8,000
32.	Reagent bottles	50 mL	20	8,000
33.	Culture tubes, Amber	5 mL	200	10,000
34.	Culture tubes, Amber	10 mL	200	10,000
35.	Culture tubes, Amber	20 mL	200	10,000
36.	Three neck round bottom flask	500 mL	5	4,000
37.	Three neck round bottom flask	250 mL	5	4,000
38.	One neck round bottom flask	500 mL	5	4,000
39.	One neck round bottom flask	250 mL	5	4,000
40.	Petridish	60 mm	100	6,000
41.	Q Sepharose fast flow 25ml	Anion exchanger	1	10547
42.	HiTrap Blue-FF column (1X5ml)	column	1	21184
43.	5ml HiTrap Heparin HF column (1X5ml)	column	1	20611
44.	HiTrap SP-FF column (5X5 ml)	column	1	42,940
45.	Beakers	Glasswares	10	Rs. 10,000
46.	Conical flasks	Glasswares	10	Rs. 10,000
47.	Glass plates, Notch plates	Glasswares	10	Rs. 10,000
48.	Test Tube (20x150mm)		13	6500
49.	RB flask 5 mL Single neck B-14		45	900
50.	10 ml single neck rb flask(B-14)		50	1500

51.	25 ml single neck rb flask(B-14)		70	1750
52.	100ml single neck Rb flask B-24		105	1575
53.	Single neck RB 250 mL B-24		150	4500
54.	Single neck RB 250 mL B-19		150	3000
55.	Single neck RB 500 mL B-24		225	3375
56.	RB 2 Lt BOROSIL		580	5800
57.	RB 3 Lt BOROSIL		1650	16500
58.	RB flask 10 mL double neck B-14		105	1575
59.	10 mL Peer shaped RB B-14		75	1125
60.	25 ml Peer shaped RB B-14		84	1680
61.	Filtration flask 100ml B-14		325	9750
62.	Filtration flask 250ml B-24		415	8300
63.	Filtration flask 250ml without std joint		310	4650
64.	Filtration flask 500ml without std joint		380	1900
65.	Conical flask 50ml		52	1560
66.	100 mL Std joint conical		105	525
67.	250 mL Std joint conical B-24		140	1400
68.	Conical flask 250ml without std joint		85	1700
69.	Conical flask 500ml without std joint		150	6000
70.	2way Take off B-14		360	5400
71.	2way Take off B-19		375	5625
72.	2way Take off B-24		390	5850
73.	Oil Bath ( Small)		245	6125
74.	Oil Bath ( Big)		600	1800
75.	Rota adaptor B-24		300	4500
76.	Rota adaptor B-19		300	4500
77.	Rota adaptor B-14		300	9000
78.	Conical flask 500 ml		175.00	875.00
79.	Buchner Funnel 35 ml		175.00	875.00
80.	Round Bottom Flask 10 ml (B-14 neck)		50.00	1000.00
81.	Round Bottom Flask 25 ml (B-14 neck)		70.00	1400.00
82.	B-24 Round Bottomed Flask 100 ml		105.00	1050.00
83.	B-19 Round Bottomed Flask 100 ml		105.00	1050.00
84.	2 Neck Round Bottom 10 ml		105.00	1050.00
85.	2 Neck Round Bottom 25 ml		125.00	1250.00
86.	2 Neck Round Bottom 50 ml		145.00	1450.00
87.	2 Neck Round Bottom 100 ml		165.00	1650.00
88.	2 Neck Round Bottom 250 ml		240.00	960.00
89.	2 Neck Round Bottom 500 ml		350.00	1400.00
90.	B-24 Round Bottomed Flask 250 ml		150.00	1500.00
91.	B-24 Round Bottomed Flask 500 ml		225.00	2250.00
92.	Round Bottomed Flask 1L		310.00	1240.00
93.	TLC Chamber (100 mL)		130.00	1300.00

94.	Take Off B-24 one way		195.00	1950.00
95.	Take Off B-19 one way		190.00	1900.00
96.	Take Off B-14 one way		175.00	1750.00
97.	Separatory Funnel 500 ml teflon stopcock		750.00	3000.00
98.	Separatory Funnel 250 ml teflon stopcock		590.00	2360.00
99.	Separatory Funnel 100 ml teflon stopcock		495.00	1980.00
100.	Test Tubes 18 ml		12.00	6000.00
101.	Conical flask B-24 250 ml		140.00	1400.00
102.	Conical flask 100 ml		60.00	<u>1200.00</u>
103.	Distillation Condenser		900.00	1800.00
104.	Flat bottomed rb 1L		310.00	1240.00
105.	Beaker 100 ml		45.00	450.00
106.	Beaker 500 ml		90.00	450.00
107.	Beaker 250 ml		60.00	300.00
108.	Filtration Flask 100 ml		230.00	920.00
109.	Measuring Cylinder 500 ml		540.00	1080.00
110.	Dropping Bottle 100 ml		250.00	2500.00
111.	Dropping Funnel 25ml (B-19 joint with teflon Tap)		420.00	1260.00
112.	Dropping Funnel 50ml (B-24 joint with teflon Tap)		425.00	1275.00
113.	Dropping Funnel 100ml (B-24 joint with teflon Tap)		495.00	1485.00
114.	Filtration Flask 500 ml without std. joint		380.00	1520.00
115.	Lid for Reaction flask		2200.00	8800.00
116.	Jacketed Coil Condenser		1750.00	5250.00
117.	Ultralow attachment plate (6-well)	24	3	68799
118.	Ultralow attachment plate (100mm)	20	3	104388
119.	TC treated flask (T-25)	10	20	18268
120.	TC treated flask (T-75)	5	20	14237
121.	Pipette 5ML	200	10	36950
122.	Pipette 10ML	200	10	43660
123.	TC treated 6-well plates	85	2	30792
124.	TC treated 96-well plates	160	1	25000
125.	Biorad casting tray (agarose gel electrophoresis)	1	1	1000
126.	35mm plate	500	1	4563
127.	biorad mini PROTEAN short plate	1 pk	5	5000
128.	100 ml glass bottle		30 no	
129.	250 ml glass bottle		30 no	
130.	1000 ml glass bottle		20 no	
131.	100 ml conical flasks		20 no	
132.	250 ml conical flasks		20 no	
133.	1000 ml conical flasks		20 no	
134.	2000 ml conical flasks		5 no	

135.	Test tube		200 no	
136.	Spacer plates ,1mm,0.75mm		10 no	
137.	Mini Protean glass platesThin Plate		15 no	
138.	Flask-100ml	Ramco	20pc	90/piece
139.	Flask-150ml	Ramco	20pc	115/piece
140.	Flask-1lit	Ramco	20pc	350/piece
141.	Petridish 100 mm	Ramco	20pc	200/piece
142.	petriplate 200mm	Ramco	30 pc	390/piece
143.	Petridish 150mm	Ramco	20pc	200/piece
144.	Measuring Cylinder-10ml	Ramco	5pc	550/piece
145.	Measuring cylibder-50ml	Ramco	3pc	750/piece
146.	Measuring Cylinder- 100ml	Ramco	3pc	850/piece
147.	Cover slip	Ramco	20pc	100/piece
148.	1000 ml bottol	Ramco	20pc	650/piece
149.	Funnel 35mm	Ramco	5pc	115/piece
150.	Funnel 50mm	Ramco	5pc	150/piece
151.	500 ml Pear-shaped flask for Rotary	Ramco	2pc	1000/piece
152.	250 ml Pear-shaped flask for Rotary	Ramco	2pc	800/piece
153.	50 ml Pear-shaped flask for Rotary	Ramco	2pc	300/piece
154.	25 ml Pear-shaped flask for Rotary	Ramco	2pc	250/piece
155.	Rotary Guard B29-B24	Ramco	2pc	600/piece
156.	Rotary Guard B29-B19	Ramco	2pc	600/piece
157.	Rotary Guard B29-B14	Ramco	2pc	600/piece
158.	Adapter for Lypholiser B14	Ramco	2pc	300/piece
159.	Adapter for Lypholiser B19	Ramco	2pc	320/piece
160.	Adapter for Lypholiser B24	Ramco	2pc	350/piece
161.	5000 ml Separating funnel	Ramco	1pc	4500/piece
162.	TLC Chamber with lid 250 ml	Ramco	3pc	180/piece
163.	TLC Chamber with lid 500 ml	Ramco	2pc	290/piece
164.	Glass beads undrilled GRM2228-500G	Ramco	1pc	675/packet
165.	Glass beads undrilled GRM7682	Ramco	1pc	1068/packet
166.	Wide mini sub gt, caster, 15X10	Ramco	1pc	50000/ unit
167.	coverslip (BLUE STAR)	Ramco	40pc	1500/20pc
168.	slide (BLUE STAR)	Ramco	20pc	800/10pc
169.	Glass bottle- 1000ml		10	6,500.00
170.	Glass bottle- 500ml		8	3,500.00
171.	Glass bottle- 250ml		8	2,500.00

<b>Plasticwares including Pipettes and Micropipettes</b>				
<b>Sl. No.</b>	<b>Generic Name</b>	<b>Specification</b>	<b>Quantity</b>	<b>Approx Cost (Rs.)</b>
1.	2ml Micro centrifuge tube		10 packs	6000/-
2.	1.5ml Micro centrifuge tube		10 packs	6000/-
3.	Micro tips 1000ul		10 packs	4000/-
4.	micro tips 100-200ul		10 packs	19000/-
5.	Micro tips 2-10ul		10 packs	6000/-
6.	15ml centrifuge tubes		2 packs (500pcs)	10000/-

			per pk)	
7.	50ml centrifuge tubes		2 packs (500pcs per pk)	14000/-
8.	90mm Petri Dish		1 pack	4000/-
9.	Syringe		50 boxes	26000/-
10.	2 drop Swiss-CI MRC-96T-PS		1 box	50000/-
11.	3 drop Swiss-CI 3W-96T-PS		1 box	50000/-
12.	24 Well Intelli Plate		1 box(120 pc)	50,000/-
13.	0.5 ml microcentrifuge tube		10 boxes	6000/-
14.	Crychem plates	24 well sitting drop	2 boxes	30000/-
15.	1.5ml microcentrifuge tubes		20paks	25000
16.	2ml microcentrifuge tubes		5paks	6000
17.	15ml falcon		2 carton	15000
18.	50ml falcon		2 carton	15000
19.	10ul tips		20 paks	7000
20.	100ul tips		20 paks	7000
21.	1ml tips		20 paks	7000
22.	Pipettes and micropipettes		10	300000.00
23.	Tips		100	50000.00
24.	Centrifuge tube		100	50000.00
25.	spreader		2	4000.00
26.	scraper		2	20000.00
27.	Generic Name	Specification	Quantity	Approx Cost
28.	cell scrapper	100 no	2	17000.0
29.	1.5 ml tube	1000 no	10	4520.0
30.	six well plate	500	2	10000.0
31.	12 well plate	500	2	10800.0
32.	2ul tip	1000	5	4800.0
33.	200 ul tip	500	10	10300.0
34.	Micro centrifuge tubes	2ml		
35.	Micro centrifuge tubes	1.5 ml		
36.	Micro centrifuge tubes stands			
37.	Micropipettes tips	200 ml		
38.	Micropipettes tips	1000 ml		
39.	Test tube stands			
40.	Test tube basket with cover	110×120×150		
41.	Syringe filter	0.2 µl		
42.	Carboy with stopcock	5 L		
43.	Float rack			
44.	Polywire micro tube rack			
45.	Plastic sample bottle	500ml		
46.	Microtips	1000ul	10	3000
47.	Cell Scraper		1	1000
48.	1 ML NEEDLE	PACKET	10	1700
49.	5ML SYRINGE	BOX	10	4000
50.	10ML SYRINGE	BOX	10	4000
51.	20ML SYRINGE	BOX	10	4000

52.	50ML SYRINGE	BOX	10	6000
53.	1ML INSULIN SYRINGE	BOX	10	6000
54.	FACS tubes, sterile-grade	1000pc/box	2	30000
55.	FACS tubes, sterile-grade	1000pc/box	2	30000
56.	5um transwell plated 24 well	12 per pack	5	50000
57.	millicell chamber for cell chemotaxis	10 per box	2	72000
58.	U-bottomed cell culture 96 well plates	160/box	3	81000
59.	Vented T75 flasks for cell culture	100 pc/box	5	50000
60.	Vented T25 flasks for cell culture	100 pc/box	5	50000
61.	Tips, 1ml	500pc/pk	20	7000
62.	Tips, 200ul	1000pc/pk	20	8000
63.	FACS tubes, sterile grade	1000pc/box	5	80000
64.	15ml tubes, sterile, cell culture	500pc/box	5	25000
65.	50ml tubes, sterile, cell culture	500pc/pk	5	30000
66.	1.5ml eppendorfs, cell culture	500pc/pk	10	4500
67.	cryo vials, 1.8ml, internally threaded	500pc/box	2	50000
68.	Micro pipette tips	10/ 200/ 1000ul	30 each	36,000.00
69.	Cell culture dishes	60 mm	10pkt.	90,000.00
70.	Cell culture dishes	35 mm	5pkt.	50,000.00
71.	Cell culture flasks	T25	10pkt.	50,000.00
72.	Multichannel Variable Volume pipette	20-200 µL	2	70,000
73.	Single Channel Variable Volume pipette	200-1000 µL	2	32,000
74.	Single Channel Variable Volume pipette	20-200µL	2	32,000
75.	Single Channel Variable Volume pipette	1000-5000 µL	1	16,000
76.	Serological pipette controller	0.1-100 mL	1	35,000
77.	Serological pipette	10 mL	2000	20,000
78.	Serological pipette	5 mL	2000	15,000
79.	Pipette tips	20-200 µL	50 packet	25,000
80.	Pipette tips	200-1000 µL	50 packet	25,000
81.	Pipette tips	0.1-20 µL	10 packet	10,000
82.	Pipette tips	1000-5000 µL	10 packet	10,000
83.	Pipette tips	1000-10000 µL	10 packet	10,000
84.	Microcentrifuge tube	1.5-2 mL	10 packet	10,000
85.	Centrifuge tubes	50 mL	50 pc	5,000
86.	Conical end culture tubes, amber	15 mL	1000	5,000
87.	Cryovials	5 mL	1000	5,000
88.	Cryovials	2 mL	1000	5,000
89.	Drying rack	-	1	6,000
90.	Pipettor bulb	-	2 set	2,000
91.	Petridish	90 mm	2000 pc	6,000
92.	Multiwell plate	Flat bottom	50	10000

93.	Multiwell plate	Black, flat bottom	50	15000
94.	Microcentrifuge tube	1.5ml	5boxes	5000
		2ml	5boxes	5000
95.	Intelli-plate ARI	Crystallization plate	10 plate case	6622
96.	1.5 ml eppendorfs	Eppendorf tubes	50 boxes	Rs. 25,000
97.	2 ml eppendorfs	Eppendorf tubes	10 boxex	Rs. 25,000
98.	500 ul eppendorfs	Eppendorf tubes	20 boxes	Rs. 25,000
99.	1 ml, 200 ul, 20ul tips	Pipette tips	50 boxes	Rs. 50,000
100.	T25 flasks	Tissue culture	10 boxes	Rs. 25,000
101.	T75 flasks	Tissue culture	10 boxes	Rs. 25,000
102.	Fast rctn tubes	Tissue culture	10 boxes	Rs. 25,000
103.	Steripettes	Tissue culture	10 boxes	Rs. 25,000
104.	6 well plates	Tissue culture	20 boxes	Rs. 50,000
105.	24 well plates	Tissue culture	20 boxes	Rs. 50,000
106.	Accupipete™-Variable Volume Pipette, Cap: 1-10µl, Model: T10		10	51520
107.	Accupipete™-Variable Volume Pipette, Cap: 10-100µl, Model: T100		5	25760
108.	Accupipete™-Variable Volume Pipette, Cap: 20-200µl, Model: T200		5	25760
109.	Accupipete™-Variable Volume Pipette, Cap: 200-1000µl, Model: T1000		10	51520
110.	Spinwin™ Micro Centrifuge Tube, Cap: 0.5ml, 1000pcs/pk		25	15750
111.	Wash Bottle, Cap: 500ml,6pcs/pk		20	9560
112.	Beaker, Cap1000ml, 4pc/pk		15	6018.75
113.	Beaker, Cap. 500 ml, pc/pk		6	1189.02
114.	Spinix™-Vortex Shaker,MC-01, with speed control		2	19508
115.	Spinwin™ Micro Centrifuge Tube, Cap. 2.0 ml, 500 pc/pk		10	4570
116.	Reversible Rack with Cover, 96 places, Cap: 0.5 or 1.5 ml, 4 pc/pk		10	4010
117.	Desiccator Vacuum, Dia. 300 mm		5	22550
118.	Safeskin Nitrile Gloves 9.5" Length, Medium, 100pc/pk		20	19900
119.	Safeskin Nitrile Gloves 9.5" Length, Large, 100pc/pk		20	19900
120.	Safeskin Nitrile Gloves 9.5" Length, Small, 100pc/pk		20	19900
121.	1000ul tips	1000	100	73237.5
122.	200ul tips	1000	100	67095
123.	10ul tips	1000	100	60952
124.	0.6ml centrifuge tubes	1000	10	17117.1
125.	1.5ml centrifuge tubes	500	10	6142.5
126.	2ml centrifuge tubes	500	10	7512.75
127.	Chamber slides	Tissue culture	10 boxes	Rs. 56,000
128.	Syringes	Tissue culture	20 boxes	Rs. 10,000
129.	Ultra-4 Centrifugal	Tissue culture	4 boxes	Rs. 40,000

	Filter Unit (Molecular cutters)			
130.	6 well plate		60	210000
131.	10cm dish		35	110000
132.	12 well plate		24	100000
133.	Pipette 10 ml		30	70000
134.	Falcon 15 ml		12	45000
135.	Falcon 50 ml		12	55000
136.	Micro Tips 1000 ul Ref		200	60000
137.	Micro Tips 200 ul Ref		160	60000
138.	Micro Tips 0.2-10 ul		60	32000
139.	Petri dish 90mm		10	35000
140.	1.5ml micro centrifuge tube		120	54240
141.	0.5ml micro centrifuge tube		4	3000
142.	1.8ml Cryo Vial		4	25000
143.	Reversible Rack		5	10000
144.	RT-PCR plates		8 boxes (50 columns in each box)	50000
145.	Pipettes		8	100000
146.	1.5 microcentrifuge tube	Tarson		
147.	Washing brushes	Local purchase	10pc	30/pc
148.	Working TRAY	Local purchase	10pc	90/pc
149.	PROTEIN GEL STAINING BOX	Biorad	SET OF 2	1100
150.	1ml tips	Tarson	25 packet	500/packet
151.	Spreader	Himedia	2 packet	1500/pack
152.	Spray bottle	Local purchase	5pc	50/pc
153.	Pipett set	thermo	2 set	50000/set
154.	90MM Dish	Sigma	500 units x 4	47000.00 each
155.	60MM Dish	Corning	500units x 4	14000.00 each
156.	CELL COUNTING SLIDES	Biorad	30 slides x 4	40000.00 each
157.	T25 flasks	Corning	1 case x 10	10000.00 each
158.	T75 flasks	Corning	1 case	27000.00
159.	6 well plate	Corning	1 case	10000.00
160.	Chamber slides	Thermofisher	96 units	84000.00
161.	50ml tubes	Corning	1 pack x 10	7000.00 each
162.	15ml tubes	Corning	500units x 15	6000.00 each
163.	1ml tips	Axygen	1 pack x 20	30000.00
164.	0.2 ml tips	Axygen	1000 x 30	30000



165.	10 ul tips	Axygen	1000 x 10	10000
166.	Microtip	100-1000ul		30,000.00
167.	Conical bottom centrifuge tube	15ml	10 pks.	36,000.00
168.	Micro centrifuge tube	5ml	20pkts	6,500.00
169.	Cell Scraper	18cm handle/1.8cm blade	1 box	10,000.00
170.	Cell Strainer	40um nylon mesh	2 box	20,000.00
171.	Dome cap PCR Tube	PCR-02D-C	2	6,700.00
172.	T-25 Flask	0030710118	1	21,000.00
173.	100 mm plate	CLS430165-500EA	1	15,415.00
174.	150 mm plate	430599	2	15,000.00
175.	Tips- 1ml	521020	20	6,000.00
176.	Tips- 200ul	521010	20	7,800.00
177.	Tips- 20ul	T-300	8	8,000.00

<b>Filter Papers &amp; Filtration Kit</b>				
Sl. No.	Generic Name	Specification	Quantity	Approx Cost (Rs.)
1.	Syringe Filter 0.22u PVDF		1 Pack (50 pc)	20,000/-
2.	0.22 uM filter		100/pk, 1 pack	5500/-
3.	Centrifugal filter units (10-50 kD)		4 pack	80000/-
4.	Dialysis Membrane		1 box	50000/-
5.	Filter paper	whatman		
6.	Filter cloth	-	-	
7.	70um cell strainer	50 pc/pk	5	35000
8.	filter units, 0.22 micron, 500ml	12 per box	2	40000
9.	70um cell strainer	50 pc/pk	5	35000
10.	0.22 micron fliter, 33mm	50 pc/pk	2	22000
11.	0.22 micron filter, 4mm	100pc/pk	2	58920.4
12.	Phase Lock gel columns 2ml	2ml tubes	1box	20000.00
13.	Syringe filter		3boxes	12000.00
14.	0.2 µm filter paper	45 mm	100	4,000
15.	0.4 µm filter paper	45 mm	100	4,000
16.	Glass fiber filter paper	90 mm	500	5,000
17.	Cellulose fiber filter paper	90 mm	500	5,000
18.	PVDF filter paper	90 mm	500	6,000
19.	Dialysis membrane	76 mm	100 mt	25,000
20.	Dialysis tubing	15 kD	20 ea	20,000
21.	Dialysis tubing	4 kD	20 ea	20,000
22.	Sartorius Minisart High Flow sterile, 0.22 syringe filter(50pcs/box)	Syringe filter	4	20020.00
23.	Vivaspin Turbo 4 , 5KDA,(25pcs/Box)	Cut-off filter	2	44940.00
24.	Vivaspin Turbo 15 , 5KDA,(12pcs/Box)	Cut-off filter	2	29548.00
25.	0.22 um filter units	Filtration Kit	10 boxes	Rs. 50,000
26.	500 ml filter units	Filtration Kit	5 Boxes	Rs. 50,000

27.	Filter paper	Filter paper	2 Boxes	Rs. 25,000
28.	Millipore Filtration unit	1pkt	2	40000
29.	0.2 um syringe filter	1pkt	1	2000
30.	Syringe Filter Unit, PTFE, Hydrophilic, Non-sterile	13mm Philic PTFE.2um	1000 pk	80,000.00
31.	Syringe Filter, Hydrophilic PTFE, Non-sterile	33mm Philic PTFE.2um	1000 pk	80,000.00
32.	Syringe Filter, Hydrophilic PTFE, Non-sterile	33mm Philic PTFE.45um	1000 pk	80,000.00
33.	500 ml vacuum Filter/Storage Bottle System, 0.22um Pore, PES, 12/Cs		3	35000
34.	Syringe filter		2 boxes	8000
35.	Cellulose filter paper	Whatman	5pack	1000/pack
36.	Blotting paper	Whatman	1 pack	200/pack
37.	pH paper	Merk	2pc	2000/pc
38.	0.22MICRON FILTER	Merk	5	4500/unit
39.	0.45 MICRON FILTER	Merk	5	4500/unit
40.	miracloth	Local purchase	2 unit	12000/ unit
41.	Cheese cloth	Local purchase	5 unit	1000/unit
42.	Phase Lock gel columns 2ml	2ml tubes	1box	20000.00
43.	Syringe filter		3boxes	12000.00
44.	Minisart® Syringe Filter, Pore Size 0.22 µm	16532K	2	20,000.00
45.	Filter unit – 0.22 um	500 ml	2	24,000.00
46.	Wattman Filter Paper	1001-917	1	12,300.00

<b>Oligos</b>				
<b>Sl. No.</b>	<b>Generic Name</b>	<b>Specification</b>	<b>Quantity</b>	<b>Approx Cost (Rs.)</b>
1.	DNA oligonucleotide primers			15000/-
2.	oligonucleotide		1500 bases	30000
3.	RNA Oligomer		1	40000.00
4.	DNA Oligo		200	40000.00
5.	Oliho MIC	100ug	1	16000.0
6.	oligonucleotides for polymerase chain reaction	25bp	50	25000
7.	Human CpGA ODN oligonucleotides	1mg	1	70000
8.	oligonucleotides for polymerase chain reaction	25bp	50	25000
9.	human siRNA for transfection	100ul	5	90000
10.	mouse siRNA for transfection	100ul	6	102000
11.	Human CpGA ODN oligonucleotides	1mg	1	70000
12.	Human CpGB ODN oligonucleotides	1mg	1	70000
13.	HPLC purified oligoss	(10nM)	1000 bases	15000.00
14.	Primers	Real time and cloning	1000 bases	26,000.00
15.	pGEX-5X-3-SARS-CoV-2-3CL (addgene Plasmid #168457)	plasmid	1	5775
16.	bNS2B47NS3(addgene Plasmid	plasmid	1	5775

	#155320)			
17.	mdm2 (addgene Plasmid #16237)	plasmid	1	5775
18.	COVID-SARS2 NSP14/10(Plasmid#159613)	plasmid	1	5775
19.	Gro ES EL (Plasmid#83923)	plasmid	1	5775
20.	RDRP substrate	plasmid	1	15000
21.	Primers	Oligos	50	Rs. 20,000
22.	siRNAs	Oligos	10	Rs. 1,00,000
23.	shRNAs	Oligos	10	Rs. 1,00,000
24.	Plasmid	30	30	900000
25.	custom DNA oligo 25nm	Eurofin	custom DNA oligo 25nm	40/base
26.	Oligo nucleotide 0.01ulHPSF	Eurofin	Oligo nucleotide 30.01ulHPSF	40/base
27.	10000bp	IDT		200000.00
28.	HPLC purified oligos	(10nM)	1000 bases	15000.00
29.	IL-6,IFN $\gamma$ ,iNOS,TLR4 qPCR forward and reverse primers	qPCR primers with intercalating dyes		13,500.00
30.	Primer	0.25nmol	1528 bp	32,000.00
31.				

<b>Antibodies</b>				
Sl. No.	Generic Name	Specification	Quantity	Approx Cost (Rs.)
1.	Anti rabbit secondary		1	40000
2.	Custom antibody		2	150000
3.	Myc-tag ANTI-MOUSE ANTIBODY		1	45000.00
4.	Anti-Rabbit IgG (whole molecule)– Alkaline Phosphatase antibody produced in goat		2	48000.00
5.	Goat anti-Rabbit IgG (H+L) Cross- Adsorbed Secondary Antibody, Alexa Fluor 488		1	19500.00
6.	Goat anti-Rabbit IgG (H+L), Superclonal™ Recombinant Secondary Antibody, Alexa Fluor 647		1	27000.00
7.	Anti-mouse IgG		2	20000.00
8.	Anti-HSP60	100ul	1	12000.0
9.	Anti Rabbit HRP	1000ul	1	9000.0
10.	anti-SSRP1		100ul	20000
11.	anti-spt16		100ul	20000
12.	DNA Damage Antibody Sampler Kit #9947		1	40000
13.	anti-rabbit IgG		1ml	5000
14.	MLH1 (4C9C7) Mouse mAb #3515 3515T		20ul	10000

15.	anti-mouse CD45 PerCP	0.025mg	2	27744
16.	anti-mouse CD45 PerCP cy5.5	1mg	3	33372.51
17.	anti-mouse CD45 SB780	0.5mg	2	59960.12
18.	anti-mouse TCR BETA APC CY7	0.5MG	4	92458.08
19.	anti-mouse CD4 APC	1 MG	3	60500.148
20.	anti-mouse CD45 PerCP	0.025mg	2	27744
21.	anit-mouse CD4 APC	0.025mg	1	6185
22.	anti-mouse IL-17A PE	0.025mg	1	9277
23.	anti-mouse CD206 ALEXA 647	0.025mg	1	13695
24.	anti-mouse CD86 PE	0.025mg	1	6185
25.	anti-mouse F4/80-Like Rcptr BUV395	0.05mg	1	30925
26.	anti-mouse TCR gamma delta PE	0.025mg	1	8615
27.	anti-human CD196 (CCR6) PE	0.025mg	1	11133
28.	anti-human CD11c BUV395	100 tests	1	34901
29.	anti-human CD11b/MAC-1 BV421	100 tests	1	32692
30.	anti-human BDCA-2 (CD303) BB700	100 tests	1	31809
31.	anti-human CD3 BV711	0.05mg	1	43737
32.	anti-human CD8 alexa fluor 700	50 test	1	18113
33.	anti-human TIM-3 (CD366) BV421	100 tests	1	32692
34.	anti-human LAG-3 (CD223) BV510	0.05mg	1	43737
35.	anti-human CD38 APC-H7	100 tests	1	41267
36.	anti-human CD279 (PD-1) PE-Cy™7	100 tests	1	28981
37.	Anti mouse CD-25 PE	.2mg	5	35000
38.	Anti mouse CD-86 PE	.2mg	5	32500
39.	Anti mouse γδ T PE	.1mg	5	51000
40.	Anti mouse FOXP3 V450	120 tests	2	36000
41.	Anti-mouse F4/80-Like Rcptr BUV395	50µg	2	64000
42.	anti-human CD4 BUV395	50 tests	2	70000
43.	anit-human CD8 FITC	100 tests	4	48000
44.	anti-human CD38 APC-CY7	100 tests	2	30000
45.	anti-human CD127 BV711	50 tests	2	80000
46.	antihuman CD25 PE	100 tests	2	25000
47.	anti-human ICOS BV650	50 tests	2	75000
48.	anti-human PDL1 BV786	50 tests	2	86000
49.	anti-human CXCR5 APC-CY7	100 tests	2	55090
50.	anti-human CCR7 APC	100 tests	2	38000
51.	anti-human HLA-DR PE-Cy7	100 tests	2	45000
52.	anti-human CD123 BV650	50 tests	1	46000
53.	anti-human BDCA2 APC	100 tests	3	36000
54.	anti-human HLA ABC PerCP	100 tests	3	42000
55.	anti-human CD14 PECy5	100 tests	2	38000
56.	anti-human BDCA1 PerCP Cy5.5	100 tests	2	40000
57.	anti-human BDCA3 BV711	50 tests	2	78000
58.	anti-human CD15 FITC	100 tests	2	32000
59.	anti-human FoxP3 PE	100 tests	2	46000
60.	anti-human purified CD3 OKT3 clone	500ul	2	68000
61.	anti-human purified CD28	500ul	2	68000

62.	SLC4A3 antibody human	100ul	2	55000
63.	Piezo1 antibody human	100ul	2	65000
64.	TMEM63A antibody human	100ul	1	40000
65.	TMEM63B antibody human	100ul	1	41000
66.	anti-rabbit IgG HRP	1ml	1	12000
67.	anti-mouse IgG HRP	1ml	1	12000
68.	anti-IgG HRP, Human	2ml	1	25000
69.	anti-IgM HRP, Human	2ml	1	25000
70.	mouse anti-Human LC3 antibody	20ul	2	63000
71.	ATP13A2 antibody human	200ul	2	62000
72.	rhoA antibody	100ug	1	31000
73.	Anti mouse adiponectin unconjugated	100ug	1	42000
74.	Viability dye 405/452	100 tests	1	10,260.00
75.	CD107a (LAMP-1) Antibody, anti-human, APC	200ul	1	37,260.00
76.	CD11c Antibody, anti-mouse, PE-770	200ul	1	14,580.00
77.	Anti mouse CD3 unconjugated	100ug	1	40,000.00
78.	Human TIM-3 (CD366) PE-CF594	100 tests	1	27956
79.	CD127 - PE - Anti Human -	- 0.1 mg	1	22948
80.	Human CD25 Non Human Primate APC Monoclonal Antibody	50 Tests	1	32544
81.	CD19 - PE-Cy7 - Anti Human	100 test	1	24617
82.	CD20 - FITC - Anti Human	100 test	1	15855
83.	CD27, APC, Anti HuMAN	100 test	1	26704
84.	Human BDCA-2 (CD303) BB700	50ug	2	82614
85.	ANTI- MO/RAT FOXP3 - EF450	(25 µG)	2	38,090.94
86.	ANTI-MO TCR B - APC-EF780	(100 µG)	1	23,114.52
87.	ANTI-MO CD 4 - APC	(100 µG)	1	20,166.16
88.	ANTI-MO CD 45 - SB780	(100 µG)	1	29,980.06
89.	ANTI-MO CD 206 – APC	(25 µG)	1	12,634.48
90.	ANTI-MO CD 25 – PE	(50 µG)	1	10,128.12
91.	ANTI-MO CD 11C – PERCP – CY 5.5	(25 µG)	2	23325.04
92.	ANTI-MO CD 86 – PE	(50 µG)	1	10,471.66
93.	ANTI-MO CD 69 – SB600	(100 µG)	1	31,705.09
94.	ANTI-MO CD 45 - PERCP – CY 5.5	(25 µG)	1	11,124.17
95.	ANTI-MO CD 38 - APC-EF780	(25 µG)	1	13,438.32
96.	anti human transferrin receptor antibody	100UL	2	70,000.00
97.	anti human LAMP1 antibody	100UL	2	70,000.00
98.	anti humanLC3 receptor antibody	50UL	2	70,000.00
99.	Dengue virus antibody		2	70000.00
100.	Herpes Virus antibody		2	80000.00
101.	HepB virus antibody		2	70000.00
102.	SARS-CoV-2 virus antibody		2	70000.00
103.	ER stress antibodies	Antibody	2	Rs. 60,000
104.	Autophagy related antibodies	Antibody	2	Rs. 2,00,000
105.	Microglial markers	Antibody	2	Rs. 1,50,000

106.	Astrocyte markers	Antibody	2	Rs. 2,00,000
107.	Anti-Trib3	Antibody	2	Rs. 35,000
108.	Anti-E2F1	Antibody	2	Rs. 35,000
109.	Anti-Sei1	Antibody	2	Rs. 50,000
110.	Anti-PARP	Antibody	2	Rs. 40,000
111.	Anti-Bim	Antibody	2	Rs. 35,000
112.	Anti-Bcl2	Antibody	2	Rs. 35,000
113.	Anti-Bclxl	Antibody	2	Rs. 35,000
114.	Anti-PTX3	Antibody	2	Rs. 35,000
115.	Anti-MAP2 HRP	Antibody	2	Rs. 37,000
116.	Anti-C3	Antibody	2	Rs. 44,000
117.	Anti-Nestin	Antibody	2	Rs. 36,000
118.	Anti-Iba1	Antibody	2	Rs. 38,000
119.	Anti-Bid	Antibody	2	Rs. 35,000
120.	Anti-FoxO	Antibody	2	Rs. 40,000
121.	Anti-CHL1	Antibody	2	Rs. 11,000
122.	Anti-Rabbit secondary antibody	Antibody	2	Rs. 35,000
123.	Anti-Mouse secondary antibody	Antibody	2	Rs. 35,000
124.	Anti-Rabbit Alexa flour green	Antibody	2	Rs. 32,000
125.	Anti-Mouse Alexa fluor green	Antibody	2	Rs. 32,000
126.	Anti-Rabbit Alexa fluor red	Antibody	2	Rs. 32,000
127.	Anti-Mouse Alexa fluor red	Antibody	2	Rs. 32,000
128.	Anti-actin HRP conjugated	Antibody	2	Rs. 40,000
129.	Antibody: anti-his, anti-myc, anti-CXCR4, anti-beta actin, anti-FLAG	5	4	600000
130.	Anti-phospho-Cofilin	Antibody	1	Rs 35,000
131.	Anti-phospho AMPAR1	Antibody	1	Rs 35,000
132.	Anti-AMPA Receptor 1	Antibody	1	Rs 35,000
133.	Anti-Phospho-GSK-3 $\beta$	Antibody	1	Rs. 45,000
134.	Anti-NMDA Receptor 1 (GluN1) (D65B7)	Antibody	1	Rs. 45,000
135.	NMDA Receptor 2A (GluN2A)	Antibody	1	Rs. 45,000
136.	NMDA Receptor 2B (GluN2B) (D15B3)	Antibody	1	Rs. 45,000
137.	AMPA Receptor 2 (GluA2) (E1L8U) Rabbit mAb	Antibody	1	Rs. 45,000
138.	CaM Kinase II alpha [p Thr286] Antibody	Antibody	1	Rs. 45,000
139.	GAPDH (D16H11) XP <sup>®</sup> Rabbit mAb (HRP Conjugate)	Antibody	1	Rs. 45,000
140.	Phospho-TrkA (Tyr490)	Antibody	1	Rs. 45,000
141.	Phospho- TrkB (Tyr706/707) (C50F3)	Antibody	1	Rs. 45,000
142.	Phospho-TrkB (Tyr816) (C67C8)	Antibody	1	Rs. 45,000
143.	Anti-TIMP1 antibody HRP conjugated	Antibody	1	Rs. 45,000
144.	Anti-CD63 HRP conjugated	Antibody	1	Rs. 45,000

145.	Anti-phospho PERK	Antibody	1	Rs. 45,000
146.	Anti-NFKbeta	Antibody	1	Rs. 45,000
147.	Anti-ULK1	Antibody	1	Rs. 45,000
148.	Anti-GADD45 alpha	Antibody	1	Rs. 45,000
149.	Anti-SP1 antibody	Antibody	1	Rs. 45,000
150.	Anti-Integrin beta 1 HRP conjugated	Antibody	1	Rs. 45,000
151.	CD45	Antibody	1	Rs. 45,000
152.	O4	Antibody	1	Rs. 45,000
153.	AF9 Antibody		2	50000
154.	Actin Antibody		2	50000
155.	CDK8 Antibody		1	25000
156.	CYCLIN T1 Antibody		1	25000
157.	CDK9 Antibody		2	50000
158.	cMyc Antibody		1	25000
159.	DBC1 Antibody		2	50000
160.	EAF1 Antibody		1	25000
161.	EAF2 Antibody		1	25000
162.	FKBP5 Antibody		1	25000
163.	LARP7 Antibody		1	25000
164.	ELL Antibody		3	75000
165.	MED26 Antibody		1	25000
166.	MBD3 Antibody		1	25000
167.	NELF-A Antibody		1	25000
168.	NELF-E Antibody		1	25000
169.	PCAF Antibody		1	25000
170.	PARP1 Antibody		1	25000
171.	TAF II p250 Antibody		1	25000
172.	TAF II p135 Antibody		1	25000
173.	TAF6 Antibody		1	25000
174.	TAF5 Antibody		1	25000
175.	PRKCBP1 Antibody		2	50000
176.	Acetyl Lysine Antibody		2	50000
177.	Bmi1 Antibody		1	25000
178.	CBX8 Antibody		1	25000
179.	CHD4 Antibody		1	25000
180.	ELL Antibody		3	75000
181.	ENL Antibody		1	25000
182.	HAUSP (USP7) Antibody		1	25000
183.	Hexim1 Antibody		1	25000
184.	Histone H3 Antibody		1	25000
185.	Histone H4 Antibody		1	25000
186.	Phospho Rpb1 (Ser5) Antibody		2	50000

187.	Phospho Rpb1 (Ser2) Antibody		2	50000
188.	Rpb1 CTD Antibody		2	50000
189.	TBP Antibody		1	25000
190.	TAF1 Antibody		1	25000
191.	TRIM28 Antibody		1	25000
192.	Ubiquitin Antibody		2	50000
193.	Anti-FLAG Antibody		2	50000
194.	Anti-GFP Antibody		2	50000
195.	p300 Antibody		1	25000
196.	53BP1 Antibody		1	25000
197.	CHIP(STUB1) Antibody		1	25000
198.	Rabbit IgG		5	40000
199.	Mouse IgG		3	25000
200.	Phospho-ATM substrate		1	25000
201.	HDAC1 Antibody		1	25000
202.	HDAC3 Antibody		1	25000
203.	Histone H2A.X Antibody		1	25000
204.	Goat Anti-Rabbit Secondary		5	40000
205.	Goat Anti-mouse Secondary		3	20000
206.	p-DRP1 616	CST/Abclonal	2	25000.00
207.	TOTAL DRP1	CST,CAT NO.-8570S	2	25000.00
208.	MFN1	CST,CAT NO.-14739S/Abclonal	2	25000.00
209.	MFN2	CST,CAT NO.-9482S/Abclonal	2	25000.00
210.	OPA1	CST,CAT NO.-67589S	2	25000.00
211.	ETS1	CST,CAT NO.-14069S	2	25000.00
212.	FIS1	Santa Cruz/CST/Abclonal	2	18000.00
213.	$\alpha$ -TUBULIN	CST/ Sigma	2	25000.00
214.	PCNA	CST	2	25000.00
215.	HK2	CST	2	25000.00
216.	DAXX	Sigma/CST	2	42000.00
217.	Ach3 (Lys9/14)	CST	2	25000.00
218.	HISTONE H3	CST	2	25000.00
219.	HDAC1	Abclonal	2	12000.00
220.	P-PDH	MILIPORE	2	30000
221.	Anti RABBIT SECONDARY –HRP ANTIBODY	CST	2	20000.00
222.	MCT4	SANTA CRUZ	2	18000.00
223.	ETS-2	SANTA CRUZ	2	18000.00
224.	GPR81	Thermo	2	36000.00
225.	SREBP1	INVITROGEN	2	36000.00
226.	LRAT	INVITROGEN	2	36000.00
227.	SIRT4	SANTA CRUZ	4	18000.00
228.	Anti Mouse IgG HRP secondary	CST	4	20000.00
229.	Anti Goat IgG HRP secondary	CST	4	20000.00
230.	Anti Mouse Alexa Fluor 555	Thermo fisher	4	30000.00
231.	Anti Mouse Alexa Fluor 488	Thermofisher	4	30000.00
232.	Anti Mouse Alexa Fluor 488	Thermofisher	4	30000.00



233.	Anti Rabbit Alexa Fluor 555	Thermofisher	4	30000.00
234.	Anti Rabbit Alexa Fluor 488	Thermofisher	4	30000.00
235.	Anti Rabbit Alexa Fluor 647	Thermofisher	4	30000.00
236.	Anti Goat Alexa Fluor 647	Thermofisher	4	30000.00
237.	Anti Goat Alexa Fluor 488	Thermofisher	4	30000.00
238.	Anti Goat Alexa Fluor 555	Thermofisher	4	30000.00
239.	P-DRP1 637 primary antibody	CST	2	25000.00
240.	Pan Akt primary antibody	CST	2	25000.00
241.	P-Akt primary antibody (T372)	CST	2	25000.00
242.	P-Akt primary antibody (S473)	CST	2	25000.00
243.	P-AMPK alpha primary antibody	CST	2	25000.00
244.	AMPK alpha primary antibody	CST	2	25000.00
245.	FASN primary antibody	Abclonal	2	15000.00
246.	P-LDHA Y10 primary antibody	Abclonal	2	15000.00
247.	HDAC3 primary antibody	CST	2	25000.00
248.	HDAC2 primary antibody	CST	2	25000.00
249.	Acetyl Lysine H4 primary antibody	CST	2	25000.00
250.	Histone H4 primary antibody	CST	2	25000.00
251.	MMP2	Abclonal/CST	2	15000.00
252.	MMP9	Abclonal/CST	2	15000.00
253.	MMP13	Abclonal/CST	2	15000.00
254.	PFKl primary antibody	Abclonal	2	15000.00
255.	GOLM1	Abclonal	2	15000.00
256.	GM130	Abclonal	2	15000.00
257.	PKM2	CST	2	25000.00
258.	PFKB2	CST	2	25000.00
259.	p-PFKB2	CST	2	25000.00
260.	PPAR $\alpha$	Abcam	2	35000.00
261.	DPP4	CST	2	25000.00
262.	KLK5	CST	2	25000.00
263.	Ets1	CST	2	25000.00
264.	Sirt1	CST	2	25000.00
265.	Sirt2	CST	2	25000.00
266.	Sirt3	CST	2	25000.00
267.	Sirt5	CST	2	25000.00
268.	Sirt6	CST	2	25000.00
269.	Sirt7	CST	2	25000.00
270.	N Cadherin	CST/Abclonal	2	25000.00
271.	E Cadherin	CST/Abclonal	2	25000.00
272.	Vimentin	CST	2	25000.00
273.	Claudin7	CST	2	25000.00
274.	Bcl2	CST	2	25000.00
275.	BAXX	CST	2	25000.00
276.	TGF $\beta$	Invitrogen	2	36000.00
277.	MCT1	Santacruz	2	18000.00
278.	CPT1A	CST	2	25000.00
279.	CPT1B	Abclonal	2	15000.00
280.	CPT2 primary antibody	Abclonal	2	15000.00
281.	LDHA	SANTACRUZ	2	18000.00

282.	Ki67	CST	2	25000.00
283.	GSK3 $\beta$	SANTACRUZ	2	18000.00
284.	P-GSK3 $\beta$	CST	2	25000.00
285.	Pitx2	Abcam	2	36000.00
286.	NRF1	Abclonal	2	15000.00
287.	NRF2	Santacruz	2	18000.00
288.	ACC1	Sigma	2	44000.00
289.	ACC2	Invitrogen	2	36000.00
290.	PDHA primary antibody	CST	2	25000.00
291.	p-ACC	Invitrogen	2	30000.00
292.	ACLY	CST	2	25000.00
293.	P-ACLY	CST	2	25000.00
294.	OXPHOS Total complex primary Ab	Abcam	2	36000.00
295.	EGF receptor antibody	CST	2	25000.00
296.	AdipoR1	Abclonal	2	15000.00
297.	AdipoR2	Abclonal	2	15000.00
298.	SCAP	Invitrogen	2	36000.00
299.	PML	Cst	2	25000.00
300.	ABCB1	CST	2	25000.00
301.	SOX2	CST	2	25000.00
302.	OCT4	CST	2	25000.00
303.	Nanog	CST	2	25000.00
304.	ABCG2	Abclonal	2	15000.00
305.	Beta Actin	CST	2	25000.00
306.	Vinculin	Abclonal	2	15000.00
307.	VDAC	CST	2	25000.00
308.	SLC25A1 primary antibody	Abclonal	2	15000.00
309.	DECR1 primary antibody	Abclonal	2	15000.00
310.	ECHS1	Abclonal	2	15000.00
311.	HADH1	Abclonal	2	15000.00
312.	ACSL1	Abclonal	2	15000.00
313.	MLYCD	Abclonal	2	15000.00
314.	ACAA2 primary antibody	Abclonal	2	15000.00
315.	LRAT	CST/SantaCruz/Abclonal	2	25000.00
316.	FGF16	CST/SantaCruz/Abclonal	2	25000
317.	FGF-R	CST/Santa Cruz/Abclonal	2	25000
318.	VEFG	CST/Santa Cruz/Abclonal	2	25000
319.	VEGF-R	CST/Santa Cruz/Abclonal	2	25000
320.	GAPDH	CST/Santa Cruz/Abclonal	4	25000
321.	b-Actin	CST/Santa Cruz/Abclonal	4	25000
322.	NF $\kappa$ $\beta$	CST	2	25000.00
323.	Antibodies for VEGF-Receptor; FGF-R; TGF $\beta$ -R and EGF-R	CST/Abcam/Santa cruz/Abclonal/Sigma	2 each	25000 each
324.	Fluorescence tagged primary antibodies	BD	30	27000 each
325.	Dengue virus antibody		2	70000.00
326.	Herpes Virus antibody		2	80000.00
327.	HepB virus antibody		2	70000.00
328.	SARS-CoV-2 virus antibody		2	70000.00

329.	Anti myogenin/myoD1 antibody	Polyclonal antibody, unconjugated, raised in rabbit.		35,500.00
330.	Anti mouse antibody.	Alexa fluor 488 tagged, raised in goat.		28,000.00
331.	Primary Antibody-DBF4	H00010926-M01	1	40,000.00
332.	Primary Antibody- CCNA2	ab181591	1	40,000.00
333.	Primary Antibody- SKP2	ab183039	1	40,000.00
334.	Primary Antibody- Cleaved Caspase3	9664S	1	40,000.00
335.	Primary Antibody- Caspase3	9662S	1	40,000.00
336.	Primary Antibody- PDHA1	9H9AF5	1	40,000.00
337.	Primary Antibody- CSF1	21113	1	35,000.00
338.	Primary Antibody - BiP	3177S	1	40,000.00
339.	Primary Antibody - CHOP	2895S	1	40,000.00

<b>R&amp;D Consumables if not covered by above category</b>				
<b>Sl. No.</b>	<b>Generic Name</b>	<b>Specification</b>	<b>Quantity</b>	<b>Approx Cost (Rs.)</b>
1.	PCR and gel cleanup kit		100 prep	15000/-
2.	Miniprep kit		250 prep	25000/-
3.	Parafilm		3 rolls	10000/-
4.	Circular cover slides- siliconized	22mm thickness 0.5mm	1 box	20000/-
5.	Dow Corning 7 Release Compound grease		1	2500/-
6.	Crystal cap Spine HT- Cap only		30 pack	7500/-
7.	Micro reservoir Strips	5-10ul	2 boxes	18000/-
8.	In vitro transcription translation kit		1 kit	65000
9.	T7 luciferase gene		1	10000
10.	1 step RT qPCR kit		500 reactions	50000
11.	Amicon Ultra(10, 30, 50 & 100kDa)		4 packet	100000
12.	Phosphate assay kit		1	19000
13.	Tissue, Cotton, Aluminum foil, Hand wash, Dish washer			10000
14.	A4 Sheets			
15.	TLC plates, silica gel	merck		
16.	Tissue paper			
17.	Gloves	S		
18.	Gloves	M		
19.	Mask	N95		
20.	Mask	Surgical		
21.	Printer Cartridge			
22.	Pen	Pentonic		
23.	Pencils	Apsara		
24.	Plastic sample box			
25.	Tough spots assorted colors			
26.	Markers			
27.	Butter paper			
28.	Syringe	1 ml		

29.	Syringe	2 ml		
30.	Syringe	5 ml		
31.	Syringe	10 ml		
32.	Rubber bulb			
33.	Teflon			
34.	Bottle brush	nylon		
35.	Burette brush			
36.	Liquid Dish washer			
37.	Cello tapes			
38.	Double tape			
39.	Rubber bands			
40.	Plastic bag (zip lock)			
41.	Cotton rolls			
42.	Stapler			
43.	Stapler pins			
44.	Spatulas			
45.	Notebooks			
46.	Herbal drug			50000
47.	Plant material			50000
48.	Plant extract			70000
49.	Retinal Microvascular Endothelial Cells	Primary cells	1	1,50,000
50.	Retinal Müller Cells	immortalized	1	1,00,000
51.	Neuroretina	immortalized	1	1,50,000
52.	Retinoblastoma	immortalized	1	1,00,000
53.	histone control DNA		1	10000
54.	apoptosis kit		1	21000
55.	Midiprep DNA isolation		1	12000
56.	Glucometer strips	100 strips/box	20	34000
57.	A4 PRINTER PAPER	STACK	20	4800
58.	GLOVES	BOX	40	40000
59.	MARKER PEN	BOX	10	1100
60.	PRINTER CARTRIDGE	BOX	4	17000
61.	SPRAY BOTTLE		4	500
62.	YELLOW TAPE		10	450
63.	ALUMINIUM FOIL		10	1000
64.	RNA SEQUENCING		8	250000
65.	Glucometer strips	100 strips/box	20	34000
66.	MISCELLANEOUS STATIONARY (PENS MARKERS CELLOTAPE STAPLER PAPER			50000
67.	ELISA kit	96wells	2	50000.00
68.	qRT PCR kit	500 reactions	1	40000.00
69.	Disposable syringes	10 ml	1 box	360.00
70.	Gloves	Medium and large	10 boxes each	11,000.00
71.	PARAFLIM	Stationary	10	30,000.00
72.	Tissue Paper	Stationary	300 Pcs.	10,000.00
73.	Aluminium foil	Stationary	20	8,000.00

74.	Temperature sensor for CO <sub>2</sub> incubator, 170R	Eppendorf India Pvt. LTD.	1	18238.50
75.	Oxygen sensor for CO <sub>2</sub> incubator, 170R	Eppendorf India Pvt. LTD.	1	36813.00
76.	Fibroblast cell culture kit		1 vial	33300
77.	Keratinocyte cell line		1 vial	35000
78.	Vacuum oil		5 lit	10000
79.	UV lamp		1	25000
80.	Laser lamp		1	90000
81.	Xenon lamp		1	50000
82.	Centrifuge rotor		1	170000
83.	Acrylic drum for lyophilizer		1	100000
84.	1 ml Disposable syringe		5pkt	2150
85.	2 ml Disposable syringe		5pkt	1700
86.	5 ml Disposable syringe		5pkt	1400
87.	10 ml Disposable syringe		2pkt	590
88.	Needle ( 8 inch)		12pc	1080
89.	Parafilm		2pc	5000
90.	Rubber band		500g	135
91.	Teflon		6pc	420
92.	Ballon		7pkt	630
93.	Alluminium foil		1pc	60
94.	Cotton		2pc	230
95.	Sellotape		2pc	40
96.	Capillary		40pkt	1120
97.	Tissue		8pc	256
98.	Marker Pen		2pc	200
99.	Dropper tip (small)		10pc	80
100.	Greese		2pc	200
101.	Vim liquid		5pc	850
102.	Dettol		5pc	230

103.	Vial		34pkt	4760	
104.	NATURAL RUBBER SEPTA SIZE : B-24		2pkt	4956	
105.	Consumable kit for vacuum pump of Rota-evaporetor , make EYELA			50,000/-	
106.	Spare parts of BUCHI make-Rota- evaporater			40,000/-	
107.	Repairing of IKA MAKE Rota evaporator			30,000/-	
108.	Repairing & Painting of fume hood-			30,000/-	
109.	Refilling of cartdrige 204A(BLACK & COLOR)-			30,000/-	
110.	MachereyNagel Protino Ni-NTA Agarose (25 mL)	Ni-NTA beads	2	40850.00	
111.	Macherey Nagel Protino Glutathione Agarose 4B (10 mL)	GST beads	2	30132.00	
112.	Gloves(S), Parafilm		10	10000	
113.	Jet-PEI	transfection	2	Rs. 60,000	
114.	Whatman PVDF membrane	Western blot	5 boxes	Rs. 10,000	
115.	SARS-CoV-2 Neutralization Antibody Detection Kit		20	1891920	
116.	High throughput gDNA extraction kit	480 prep	1	155596	
117.	Annexin PI Kit	200 rxn	1	34000	
118.	ELISA Kit	1	1	90000	
119.	Cell tracer kit	1 kit	1	29619	
120.	Mitochondria labeling dye	1mg	1	36043	
121.	RNA extraction kit	96 prep	1	52000	
122.	CDNA synthesis kit	100 rxn	1	80000	
123.	Protein Biotinylation kit	30 rxn	1	66000	
124.	Gateway cloning kit	20 rxn	1	15000	
125.	TA cloning kit	20 rxn	1	100000	
126.	Qiaprep spin miniprep kit	50 rxn	2	20000	
127.	Gel extraction kit	50 rxn	1	10000	
128.	Takara pcr kit	250rxn	3	9000	
129.	PCR purification kit	50 rxn	1	10000	
130.	BCA protein estimation kit	1kt	1	30000	
131.	H and E staining kit	500mL	1	6410	
132.	AKT based antibody	1kit	1	60000	
133.	Magnetic rack		1	1	30000
134.	Nitrocellulose membrane	1pk (0.2 um)	1	50000	
135.	Avidin-Biotin ABC kit	Staining	1	Rs. 85,500	
136.	DNase	Tissue culture	1	Rs. 14,000	
137.	HBEGF	Tissue culture	2	Rs. 25,000	
138.	BSL-1 (Lectin)	Tissue culture	1	Rs. 33,000	
139.	Papain	Tissue culture	1	Rs. 10,000	

140.	Neural cell dissociation kit	Tissue culture	1	Rs. 70,000
141.	L-cysteine hydrochloride monohydrate	Tissue culture	1	Rs. 20,000
142.	EBSS	Tissue culture	1	Rs. 4000
143.	Trypsin inhibitor	Tissue culture	1	Rs. 8000
144.	D-PBS	Tissue culture	1	Rs. 25,00
145.	Recombinant IL4/IL-13	Tissue culture	1	Rs. 50,000
146.	Poly-IC	Tissue culture	1	
147.	miR-22	Tissue culture	1	
148.	Fluo-4 AM	Biochemical assay	1	Rs. 32,000
149.	Fibroblast growth factor basic	Tissue culture	1	Rs. 30,000
150.	Mix-n-Stain™ Biotin Antibody Labeling Kit (50-100µg)	Staining	1	Rs. 15,000
151.	HPLC purified oligos		10000 bases (10nM ) oligos	150000
152.	UV light (L)	Local purchase	1pc	750
153.	Uv light (s)	Local purchase	1pc	800
154.	clear bag	Local purchase	100pc	20
155.	forecep (steel)	Local purchase	10pc	60
156.	transparent sheet	Local purchase	200pc	330
157.	ice box	Local purchase	2pc	450
158.	glass spreader	Local purchase	15pc	25
159.	spray bottle	Local purchase	8pc	90
160.	plastic tray (large)	Local purchase	10pc	130
161.	plastic tray (meddium)	Local purchase	5pc	75
162.	tissue roll	Local purchase	100pc	32
163.	channel file	Local purchase	50pc	20
164.	lamination sheet	Local purchase	100sheet	20/sheet
165.	A4 paper	Local purchase	10sheet	120/pack
166.	tube light	Local purchase	12pc	100
167.	philips bulb	Local purchase	24pc	100
168.	filter paper	Whatman	20 pc	200/pc
169.	pH paper	Merck	13 pc	500/pc
170.	cellotape holder	Local purchase	3 pc	70/pc
171.	rechargable battery (AA)	Local purchase	10PC	15
172.	Rechargable battery (AAA)	Local purchase	10PC	15
173.	Board file	Local purchase	50pc	
174.	hand wash	Local purchase	5lit	500
175.	dish wash	Local purchase	5lit	500
176.	needle (steel)	Himedia	20pc	20/pc
177.	loop	Himedia	10pc	60
178.	pendrive	Hp	2pc	300
179.	Gloves M size	Himedia	10pack	900
180.	Gloves L size	Himedia	20pack	700
181.	Washing brush medium and large	Local purchase	20pc	20/pc
182.	Spirit lamp hood 2	Local purchase	5pc	200/pc
183.	HCl low grade	Local purchase	5lit	400/lit
184.	Gel electrophoresis machine	Biorad	1	50000.00

185.	(micro) weighing balance	Sertorius	1	100000.00
186.	Ph meter	Sertorius	1	45000.00
187.	Mold (TEM)	HIMEDIA	10	2000.00
188.	GRID (TEM)	SIGMA	5	5000.00
189.	Copper grid	sigma	2	15000.00
190.	Whole transcriptomics/Genomics study (Custom)	Genotypic/ 4basesuare/ Bionivid/ iLife/ Medgenome or any other relevant vendors	20 samples	35000 each
191.	Sequencing service	Genotypic/ 4basesuare/ Bionivid/ iLife/ Medgenome or any other relevant vendors	50 samples	1000 each
192.	Sea Horse XFe assay kit with cartridge and plates set	Agilent	18 cartridge kit x 10	60000 each
193.	Sea Horse Mito Stress kit	Agilent	5 kits	50000 each
194.	Sea Horse Glycostres kit	Agilent	5 kits	60000 each
195.	Sea Horse Fatty acid oxidation kit	Agilent	5 kits	60000 each
196.	ABI 7500 QPCR machine calibration kit	ABI/Invitrogen	One kit	100000
197.	ABI 7500 Fast QPCR machine calibration kit	ABI/Invitrogen	One kit	100000
198.	BD Matrigel invasion assay kit	BD	4 kits	30000 each
199.	Sea Horse XFe Basal Media	Agilent	5 units	5000.00 each
200.	Sea Horse XFe Calibrant	Agilent	5 units	2500 each
201.	ELISA kit	96wells	2	50000.00
202.	qRT PCR kit	500 reactions	1	40000.00