

**UNIVERSITY OF NORTH BENGAL
OFFICE OF THE REGISTRAR**



ENLIGHTENMENT TO PERFECTION

Notice

Sealed quotations are invited for the purchase of Chemicals & Glasswares as per the specifications provided. Quotations must accompany VAT, CST and PAN photocopies, duly stamped and signed along with valid certificates. All documents must reach in sealed cover to the Head, Department of Zoology, NBU on/or before 16.03.2017. Visit NBU website (www.nbu.ac.in) for details of specifications.

Advt. No. 203/R-2017 Dated 09.03.2017

Registrar (Officiating)

List of Chemicals and glassgods for purchase under Departmental budget head (F.Y. 2016-17) of the Dept. of Zoology, University of North Bengal

Sl No	Chemical Name	Preferred Brand	Catalogue No.	Packing
1	Potassium Sodium Tartarate tetrahydrate purified	Merck	1.93626.0521	500g
2	1-chloro 2,4,dinitrobenzene	SRL	348142	500 gm
3	3,3, 5,5' – tetramethyl benzidine dihydrochloride (TMBZ)	Himedia	MB122-1G	1 gm
4	5,5 - dithiobis - 2 - nitrobenzoic acid, (DTNB)	SRL	44883	1 gm
5	96 well Microplate	Tarsons	941196	50
6	Absolute Methanol 99.8%	SRL	132188	1000 ml
7	Absolute Methanol 99.9%	Himedia	MB113-500ML	500 ml
8	Acetic Acid	SRL	129168	500 ml
9	Acetone	SRL	0129135 AR	500 ml
10	Acetone (extrapure AR)	SRL	129135	1000ml
11	Acrylamide	SRL	14022	25 gm
12	Ammonium hydrogen carbonate	SRL	26757	500g
13	Ammonium persulphate	Sigma	A3678	100 gm
14	Ammonium sulphate	SRL	92567	250G
15	Bisacrylamide	Himedia	RM572-100G	100g
16	Bovin Serum Albumin	Sigma	B2518	100 gm
17	Chloroform	SRL	96712	500ml
18	Cytochrome C [SP]Horse heart > 95%	SRL	34015	100 mg
19	Cytochrome C [SP]Horse heart > 95%	Himedia	RM510-500MG	500 mg
20	Cytochrome C Horse heart type IV	Sigma	C 8266	100 mg
21	Di sodium Hydrogen Phosphate	Merck	MD0M600929	500 gm
22	Diethyl maleate (DEM)	Himedia	RM10146	500 ml
23	dNTP Mix	Promega	U1515	1000µl
24	Fast blue BB salt (Practical grade)	Himedia	RM7002-25G	25gm
25	Glacial acetic acid (extrapure)	Thomas Baker	0704-48	500 ml
26	Glutathione Reduced (GSH)	SRL	74011	5 gm
27	Glutathione Reduced (GSH) [SP] >98%	Himedia	RM234-1G	1gm
28	Glutathione Reduced (GSH) [SP] 99%	SRL	74011	1gm
29	Glutathione Reduced extrapure	SRL	74011	1gm
30	Glycerol	SRL	72438	100 g/ 500 g
31	Glycine (Purified)	Merck	8.16013.0250	250g
32	GoTaq DNA Polymerase	Promega	M3001	100u
33	HCl	Himedia	AS003	500 ml
34	Isoamyl Alcohol	SRL	57020	500ml
35	Methanol	SRL	132977	500 ml
36	Methanol (HPLC grade)	Himedia	AS061-2.5L	2.5l
37	Methanol AR (HPLC grade)	SRL	79345	2.5l
38	Methanol Assay (GC)- min. 99.8%	SRL	132977	500ml
39	N, N, N' N' Tetramethyl ethelene deamine (TEMED)	SRL	202788	25 ml/100 ml
40	N, N' – Methylene – bisacrylamide (BIS)	SRL	1344104	25 gm/100gm

41	Nitrocellulose	BIO-RAD	166-2807EDU	0.45µm, 7X8.4 cm
42	Phenol (Saturated)	SRL	83275	500ml
43	Piperonylbutoxide (PBO)	Sigma	456261 100 g	100 gm
44	Potassium dihydrogen phosphate	Merck	MJ0M603011	500gm
45	Potassium hydroxide Flakes extra pure	Merck	1.93505.0521	500g
46	Sodium acetate	SRL	1944117	250 gm/500gm
47	Sodium acetate trihydrate anhydrous pure	Merck	1.93643.0521	500g
48	Sodium Carbonate (Na ₂ CO ₃) (anhydrous pure)500g	Merck	1.93611.0521	500g
49	Sodium dihydrogen Phosphate	SRL	1944113	250 gm
50	Sodium dihydrogen Phosphate Monohydrate GR	Merck	1.93224.0521	500g
51	Sodium hydroxide (HPLC grade)	Sigma Chemicals	1310-73-2	1ltr
52	Sodium hydroxide (NaOH) (extrapure AR)	SRL	1949181	500gm
53	Tetramethyl-p-phenylenediamine dihydrochloride	Himedia	GRM445-5G	5g
54	Triphenyl phosphate (TPP)	SDF chemicals	40536K05	500gm
55	TRIS (hydroxymethyl) methylamine (Tris buffer)	Thomas Baker	159505-45	500gm
56	Tris base (Tris) (99.9%)	SRL	2049170	500 gm
57	Triton X-100	SRL	2024271	500 ml
58	α Napthyl acetate (α NA)	SRL	144980	10gm
60	PCR Master Mix (2X)	Thermo Scientific	#K0171	for 200 rxns
61	Eurofins RAPD primer kit (OPC series)	Eurofins		1 set
62	25 mM MgCl ₂ for DNA extraction	SRI-Biolit	BTP003-82487	1 ml
63	100 bp DNA ladder	SRI-Biolit	48234 (BLM014)	1ml
64	6X orange loading dye	SRI-Biolit	46200(BOS025)	1 ml
65	Taq buffer	SRI-Biolit		1 ml
66	G Pfu DNA polymerase	GCC BIOTECH	MB029	100u
67	Bacterial DNA isolation Kit	GCC BIOTECH	G46211	50 Prep
68	G Sure Bacterial RNA isolation kit	GCC BIOTECH	GR1001	50 Prep
69	Dual step RT-PCR kit	GCC BIOTECH	G7114	50 Rxn
70	Tris Free Base(Molecular Biology Work)	Himedia	MB029	100 gm ×2
71	Chloroform	Merck		500 ml × 2
72	Phenol Saturated for Molecular Biology	SRL		500 ml X 2
73	PCR Tube	Tarsons	510051	
74	1.5 ml Micro centrifuge tube	Tarsons	500010	
75	2 ml Micro centrifuge tube	Tarsons	500020	
76	1000 µl Micro tip	Tarsons	521020	
77	200 µl Micro tip	Tarsons	521010	
78	10 µl Micro tip	Tarsons	521000	
79	dNTPs mix 2.5 mM each	GCC BIOTECH/ Promega	U1511 (Promega)	0.2 ml
80	nif (Nitrogen Fixation) Primer	Promega		
81	DNA Ladder 500bp	Promega		
82	Primer 27F and 1492 R	Promega		

83	Agarose	Lonza	50000	125 gm
84	Gloves Purple nitrile	Tarsons		
85	Taq DNA Polymerase with Standard Taq Buffer	BRBLS BRAND	BCQ050	500 units
86	AMV Reverse Transcriptase	BRBLS BRAND	BCB0999	200u
87	M-Mulv Reverse Transcriptase	BRBLS BRAND	BCB1552	2KU
88	100bp DNA ladder	BRBLS BRAND	BM001-R500	500 ul
89	KpnI	Promega	R6341	2500 units
90	AvaII	Promega	R6135	1000 units
91	NsiI	Promega	R6531	250 units
92	Primer IDT	IDT		300 bp
93	Nitrile Gloves (Small Sized, Blue)	Cole-Parmer	15954-24	1 Pack
94	Nitrile Gloves (Medium Sized, Blue)	Cole-Parmer	15954-25	1 Pack
95	Eosin Y (yellowish) (C.I. 45380) for microscopy	MERCK	1.15935.0025	25 gm
96	Corn Oil	Sigma-Aldrich	C8267-500ML	500 ml
97	PCR Tube with Optical Flat Cap	Tarsons	500051	0.2 ml
98	Container/ Closure System For Pharmaceutical Industry	Riviera	26990 04	5ml
99	Proteinase K	Genetix Puregene	PG-6070-100MG	100 mg
100	Slide Box (100 places) Packing - 6Nos/pack	Tarsons	481030	1 pack
101	PCR Rack with Cover Autoclavable	Tarsons	241000	1 pack
102	Lifeclone Blood Grouping Sera	Kamineni Life Science		1 pack
103	Methanol for HPLC	SDFCL	25217 L25	2.5 litre
104	Ethanol Absolute	Merck	1.00983.0511	500 ml
105	Ethidium Bromide	Himedia	MB071- 1G	1 gm
106	Tris Buffer	Himedia	GRM1218-100G	100 gm
107	Water saturated Phenol	Himedia	MB077-500ML	500 ml
108	Autoclavable Bags (12"X 24")	Tarson	550022	100/Pack
109	Microcentrifuge tubes (2 ml)	Tarson	500020	500 pcs
110	Microcentrifuge tubes (1.5 ml)	Tarson	500010	500 pcs
111	Microtips (1000 µl)	Tarson	521020	500 pcs
112	Microtips (200 µl)	Tarson	521010	1000 pcs
113	Microtips (10 µl)	Tarson	521000	1000 pcs
114	Taq DNA Polymerase	Sigma	D1806-1.5KU	1500 Unit
115	dNTP set (100 mM)	Sigma	DNTP100-1KT	250 µl each
116	Ampicilin Supplement	Himedia	FD082-5 VL	
117	Gram's Decolourizer	Himedia	S032-2X125ML	125 ml X 2
118	Himedia Octadisc (G-XIX-minus)	Himedia	OD-058	10 discs/pack
119	Himedia Octadisc (Combi IV)	Himedia	OD-023	10 discs/pack
120	Primer (100 nano mol, Desalted)	ILS/IDT		50 bp
121	Restriction enzyme Alw261	Thermo Scientific	ER0031	1000 Unit
122	Supercoiled DNA ladder	Sigma/ NEB / Invitrogen	D5292-10UG/ N0472S/ 15622-012	
123	100 bp DNA ladder	BR Biochem	BM001-R500	500 µl

124	20 bp DNA ladder	BR Biochem	BM014-20	500 µl
125	10 bp DNA ladder	BR Biochem	BM014-10	500 µl
126	Petriplates	Tarson	460090	450/Pack
127	GoTaq DNA Polymerase	Promega	M3005	
128	Gel DNA fragments extraction kit	BR Biochem	DF100	
129	Mitochondrial DNA isolation kit	Abnova	KA0895	
130	Wizard Genomic DNA Purification Kit	Promega	A1125	
131	Wizard Genomic DNA Purification Kit	Promega	A1120	
132	GoTaq Green Master Mix	Promega	M7122	
133	PCR Master Mix	Promega	M7502	
134	GoTaq Flexi DNA Polymerase	Promega	M8295	
135	Spin win MC-00	Tarsons	1000	
136	Float rack	Tarsons	240000	
137	Float rack	Tarsons	240040	
138	0.2 ml tube with cap	Tarsons	510053	
139	Gel scoop	Tarsons	923120	
140	Bottle	Riviera	21802365	
141	Bottle	Riviera	21802545	
142	Dna beads® mRNA direct™ purification kit	Thermo Fisher Scientific	61011	5 ml
143	High capacity cDNA reverse transcription kit	Thermo Fisher Scientific	4368814	200 reaction
144	<i>Taq</i> DNA Polymerase, native	Thermo Fisher Scientific	18038018	100 units X 2