



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

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**NOTICE**

Sealed quotations are invited for the purchase of chemicals and consumables as per the specifications provided for the Department of Zoology, NBU. Visit University of North Bengal website for details [www.nbu.ac.in](http://www.nbu.ac.in).

Advt. No. 62/ R-2018 Dated: 20.06.2018

**Registrar**

**Ref. No.: Advt. Zoo/ 1426 /2018**

**Date: 18.06.2018.**

**NOTICE**

Sealed quotations are invited for the purchase of Chemicals and Consumables as per the specifications provided. Quotations must accompany GST 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 **29.06.2018.**

Sd/-

Head

Department of Zoology, NBU

**Department of Zoology, NBU**  
**List of Chemicals/Glassware/Plasticwares**  
**[F.Y. 2018-19]**

Sl. No	Item	Brand	Code
1.	Glass Homogenizer (10 mL)	B Glass	
2.	Bradford Protein Estimation Kit	Bangalore Genei	106193
3.	Slide 75 mm/25 mm/1 mm	Blue Star	-
4.	Rectangular Cover slip large (22 x 30 mm)	Blue Star	-
5.	Rectangular Cover slip large (22x 25 mm)	Blue Star	-
6.	Square Cover slip small (18x 18 mm)	Blue Star	-
7.	Spatula	Borosil	LASP8888012
8.	Soxhlet apparatus	Borosil	3840016
9.	Watch glass (100 mL)	Borosil	9986077
10.	Watch glass (150 mL)	Borosil	9986081
11.	Petri dish (100 x 15 mm)	Borosil	3165077
12.	Petri dish (150 x 25 mm)	Borosil	3165081
13.	Beaker (Glass) (50 mL)	Borosil	1000D12
14.	Beaker (Glass) (100 mL)	Borosil	1000D16
15.	Beaker (Glass) (250 mL)	Borosil	1000D21
16.	Beaker (Glass) (600 mL)	Borosil	1000D25
17.	Beaker (Glass) (1000 mL)	Borosil	1000D29
18.	Glass Measuring cylinder (50 mL)	Borosil	3021012
19.	Glass Measuring cylinder (100 mL)	Borosil	3021016
20.	Glass Measuring cylinder (250 mL)	Borosil	3021021
21.	Glass Measuring cylinder (500 mL)	Borosil	3021024
22.	Glass Measuring cylinder (1000 mL)	Borosil	3021029
23.	Funnel	Borosil	6140071
24.	Reagent bottle (250 mL) (Wide Mouth)	Borosil	1501021
25.	Reagent bottle (500 mL) (Wide Mouth)	Borosil	1501024
26.	Reagent bottle (1000 mL) (Wide Mouth)	Borosil	1501029
27.	Beaker (Glass) (500 mL)	Borosil	1000D24
28.	Conical flask (100 ml)	Borosil	4980016
29.	Conical flask (1000 ml)	Borosil	4980029
30.	Conical flask (250 ml)	Borosil	4980021
31.	Conical flask (500 ml)	Borosil	4980024
32.	Glass Measuring cylinder (10 mL)	Borosil	3021006
33.	Glass Measuring cylinder (25 mL)	Borosil	3021009
34.	Petri dish (90x17 mm)	Borosil	3165075
35.	Pipette (1ml)	Borosil	7082P01
36.	Reagent bottle (1000 mL)	Borosil	1509029
37.	Reagent bottle (250 mL)	Borosil	1509021
38.	Reagent bottle (500 mL)	Borosil	1509024
39.	Watch glass (120 mm diameter)	Borosil	9986079
40.	Taq DNA Polymerase with Standard Taq Buffer	BRBLS BRAND	BCQ050

		Reagents	
41.	Nitrile Gloves (Small Sized, Blue)	Cole-Parmer	15954-24 Part No. 15954-24
42.	Nitrile Gloves (Medium Sized, Blue)	Cole-Parmer	15954-24 Part No. 15954-25
43.	Gram's Decolorizer	Himedia	S 032- 2X 125 ML
44.	Gelatin	Himedia	GRM019
45.	Starch Agar	Himedia	M107
46.	Tributyrin	Himedia	FD081
47.	Lactose	Himedia	RM017
48.	Triple Sugar Iron Agar	Himedia	M021
49.	Nitrate Broth	Himedia	M439
50.	Acetic Acid Glacial	Himedia	AS001
51.	Tryptone Broth	Himedia	M463
52.	Kovac's Reagent	Himedia	R008
53.	MR-VP Broth	Himedia	M070
54.	Methyl Red	Himedia	RM3055
55.	Alpha Naphthol	Himedia	RM1392
56.	Simmon's Citrate Agar	Himedia	M099
57.	Oxidase Discs	Himedia	DD018
58.	Calcium Nitrate	Himedia	RM1227
59.	Manganese Chloride	Himedia	RM685
60.	Luria Agar	Himedia	M557
61.	Luria Broth (LB Broth)	Himedia	M575
62.	Mueller Hinton Agar	Himedia	M173
63.	Hydrochloric acid	Himedia	AS003-500ML
64.	Test tube with screw cap Autoclavable (20ml)	Himedia	PW291
65.	Primer deoxyribonucleotide	IDT/ Eurofin	
66.	High Pure PCR Product Purification Kit	Invitrogen	K310001
67.	Eosin Y (yellowish) (C.I. 45380) for microscopy	Merck	1.15935.0025
68.	Ethanol GR, ACS	Merck	1.00983.0511
69.	Formaldehyde 37-41%	Merck	1.94989.0521
70.	Alpha Naphthylamine	Merck	8222910100
71.	Hydrogen Peroxide	Merck	1072090250
72.	Diethyl Ether	Merck	1009211000
73.	Petroleum Benzene	Merck	1017741000
74.	Sodium Hydroxide	Merck	RM467
75.	Ethanol	Merck	8187601000
76.	Sodium Chloride	Merck	1064040500
77.	Potassium Chloride	Merck	1049360500
78.	di-Sodium hydrogen phosphate anhydrous	Merck	1065590500
79.	Sodium Di-hydrogen Phosphate	Merck	5438400100
80.	Potassium dihydrogen phosphate	Merck	1051080500
81.	EDTA	Merck	8190400100

82.	Leupeptin hemisulphate	Merck	108975-5MG
83.	Hematoxylin cryst.	Merck	1043020025
84.	Eosin Y (yellowish)	Merck	1159350025
85.	Acetic Acid (Glacial)	Merck	100063
86.	Acetone	Merck	100014
87.	Ammonium buffer solution	Merck	109478
88.	Bromothymol blue	Merck	103026
89.	Calcium chloride	Merck	102378
90.	Diphenylamine	Merck	820528
91.	DPX	Merck	100579
92.	EDTA	Merck	324503
93.	Eosin Y	Merck	115935
94.	Eriochrome black T	Merck	103170
95.	Formaldehyde	Merck	104003
96.	Haematoxylin	Merck	105174
97.	Hydrochloric acid (HCl)	Merck	109057
98.	Iron (II) sulfate heptahydrate	Merck	103965
99.	Iron (III) chloride hexahydrate	Merck	103943
100.	Manganese(II) sulfate monohydrate	Merck	105999
101.	Methyl orange	Merck	101322
102.	Ortho- Phosphoric acid	Merck	100573
103.	Paraffin	Merck	107174
104.	Perchloric acid	Merck	109065
105.	Phenol	Merck	100201
106.	Phenolphthalein	Merck	107233
107.	Potassium Chloride (KCl)	Merck	104936
108.	Potassium dichromate	Merck	104865
109.	Potassium hydroxide	Merck	105033
110.	Sodium Chloride (NaCl)	Merck	106404
111.	Sodium Hydroxide (NaOH)	Merck	106462
112.	Sodium sulfate	Merck	106649
113.	Starch	Merck	101252
114.	Sulphuric Acid	Merck	100731
115.	Tween 20	Merck	817072
116.	Tween 80	Merck	822187
117.	Xylene	Merck	108297
118.	Hydrogen peroxide	Merck Millipore	108597
119.	Supercoiled DNA ladder	NEB	N0472S
120.	100 bp Ladder	NEB/ Peomega	N3231S/ G210A
121.	Alu I Restriction Enzyme	NEB/ Thermo Scientific	R 0137S/ ER0011
122.	Bam HI Restriction Enzyme	NEB/ Thermo Scientific	R0136S/ ER0051
123.	Mbo I Restriction Enzyme	NEB/ Thermo Scientific	R0147S/ ER 0811

124.	Pst I Restriction Enzyme	NEB/ Thermo Scientific	R0140S/ ER0611
125.	Alw 261 Restriction Enzyme	Thermo scientific	ER 0031
126.	Taq DNA Polymerase with Standard Taq Buffer	Promega	G1711
127.	dNTPs mix 10mM	Promega	U1511
128.	dNTPs mix 10mM	Promega	U1515
129.	DNA polymerase	Promega	M3001
130.	DNA polymerase	Promega	M3005
131.	Protein molecular weight marker 100kDa	Promega	V8491
132.	DNeasy blood and tissue kit	Qiagen	69504
133.	Leishman stain powder	Rankem	L0070
134.	Silver Nitrate N/10 solution	Rankem	S0765
135.	Bottles	Riviera	21801 365
136.	Bottles	Riviera	21801 445
137.	Expand™ High Fidelity PCR System	Roche	11732641001
138.	High Pure PCR Product Purification Kit	Roche	11732668001
139.	High Pure RNA isolation kit	Roche	11828665001
140.	Transcriptor first strand cDNA synthesis kit	Roche	04379012001
141.	dNTP set (100 mM)	Sigma-Aldrich	DNTP 100- 1KT
142.	Whatmann filter paper	Sigma Aldrich	Z695106
143.	Whatmann filter paper	Sigma Aldrich	Z695130
144.	Formalin solution, Neutral Buffered, 10%	Sigma- Aldrich	HT501128
145.	Corn Oil	Sigma-Aldrich	C8267-500ML
146.	Chloroform	SRL	96712
147.	Ethyl acetate	SRL	26614
148.	Acetone	SRL	15168
149.	Petroleum ether	SRL	15340
150.	Methanol	SRL	65524
151.	Acetonitrile	SRL	82745
152.	Fast Blue B salt	SRL	94315
153.	n- Hexane	SRL	91454
154.	Tetramethylbenzidine (TMBZ)	SRL	2049148
155.	Ammonium persulphate	SRL	65553
156.	Diethyl Ether	SRL	64665
157.	Sodium Hydroxide Pellets	SRL	68151
158.	Gelatin Powder	SRL	83740
159.	Sodium azide	SRL	84070
160.	Chloroform	SRL	30792
161.	Tris (Hydroxymethyl) amino methane (Tris Buffer)	SRL	71033
162.	Sucrose	SRL	90701
163.	Phenylmethane Sulphonyl Fluoride (PMSF)	SRL	87606
164.	Acetic Acid Glacial	SRL	85801
165.	Acrylamide	SRL	89314
166.	N,N-Methylene Bisacrylamide (bis-Acrylamide)	SRL	38862

167.	N, N, N', N', - Tetramethyl-ethylene-diamine (TEMED)	SRL	52145
168.	Sodium Lauryl Sulphate	SRL	32096
169.	Ammonium persulfate (APS)	SRL	28575
170.	Glycine	SRL	69422
171.	Glycerol	SRL	62417
172.	2 $\beta$ -mercaptoethanol	SRL	83759
173.	Bromophenol Blue	SRL	11458
174.	Polysorbate 20	SRL	65296
175.	Heparin Sodium Salt	SRL	58389
176.	Lithium Chloride	SRL	39692
177.	Triton X100	SRL	64518
178.	Albumin Bovine fraction V (Bovine Serum Albumin, BSA)	SRL	83803
179.	Xylene	SRL	90998
180.	Tris (Hydroxymethyl) amino methane (Tris Buffer)	SRL	71033 (2049170)
181.	Filter Tips (10 $\mu$ l)	Tarson	527100
182.	-20 C Minicooler	Tarson	526030
183.	-20 C Minicooler	Tarson	526040
184.	Cryo box 100	Tarson	524020
185.	Ice bucket	Tarson	525160
186.	Carboy with stopcock	Tarson	583280
187.	Pipettor stand	Tarson	030080
188.	Coplin jar	Tarson	480000
189.	Rack for micro tube	Tarson	241020
190.	Centrifuge tube (0.5mL)	Tarson	500000
191.	Ice Bucket (2.5 Lts)	Tarson	525150
192.	Micro Tip (20-200 $\mu$ L)	Tarson	521000
193.	Micro Tip Box (10 $\mu$ L)	Tarson	523141
194.	Micro Tip Box (200 $\mu$ L)	Tarson	523143
195.	Micro Tip Box (10 $\mu$ L)	Tarson	523146
196.	100-1000 $\mu$ L Variable Pipette	Tarson	030050 (Model T1000)
197.	10-100 $\mu$ L Variable Pipette (Accupipet) (Tarson)	Tarson	030030 (Model T100)
198.	2-20 $\mu$ L variable pipette (Tarson)	Tarson	030020 (Model T20)
199.	Pipettor Stand	Tarson	030080
200.	Spinwin MC-00 Micro centrifuge	Tarson	1010
201.	15 mL Centrifuge Tube (Spinwin)	Tarson	500031
202.	50 mL Centrifuge Tube (Spinwin)	Tarson	500041
203.	Tissue Culture plate (24 wells)	Tarson	980030
204.	Paraflim M	Tarson	380010
205.	Cryo Rack	Tarson	240050
206.	Micro Pestle	Tarson	160020
207.	Wide mouth wash bottle	Tarson	560090
208.	100-1000 $\mu$ L variable pipette	Tarson	030050

209.	20-200 µL variable pipette	Tarson	030040
210.	Beaker (Plastic) (250 mL)	Tarson	422020
211.	Beaker (Plastic) (500 mL)	Tarson	422030
212.	Centrifuge tube (1.5mL)	Tarson	500010
213.	Centrifuge tube (2mL)	Tarson	500017
214.	Centrifuge Tube Box	Tarson	202092
215.	Coplin jar	Tarson	480000
216.	Culture plate (90 mm )	Tarson	960031
217.	Micro Tip (200-1000 µL)	Tarson	521020 or 501020
218.	Micro Tip (20-200 µL)	Tarson	521010
219.	Micro tip box (200- 1000 µL)	Tarson	524080
220.	Micro tip box (2-200 µL)	Tarson	524050
221.	Sample Container (50 ml )	Tarson	510030
222.	Specimen Container (1000 ml)	Tarson	881111
223.	Specimen Tube (100 mm)	Tarson	881130
224.	Slide Box (100 places) Packing - 6Nos/pack	Tarsons	481030
225.	Microtip 0.2-10 µl	Tarsons	521000
226.	Microtip 2-200 µl	Tarsons	521010
227.	Microtip 200-1000 µl	Tarsons	521020
228.	Micro centrifuge tube 2 ml	Tarsons	500020
229.	Cryo Cube Box 100 Places	Tarsons	202070
230.	Microtip 5ml	Tarsons	521032
231.	Microtip 10 ml	Tarsons	521033
232.	Centrifuge tube conical bottom	Tarsons	546010
233.	Safeskin Purple Nitrile Gloves	Tarsons	370020
234.	Gloves Dispenser	Tarsons	370050
235.	-20 <sup>0</sup> C mini cooler	Tarsons	525030
236.	Fixapette 1 ml	Tarsons	031130
237.	Amber narrow mouth bottle	Tarsons	581230
238.	RNA isolation TriZol reagent	Thermo Fisher	15596026
239.	Protein Loading Dye	Thermo fisher	39000
240.	Dyna beads® mRNA direct™ purification kit	Thermo Fisher	61011
241.	High capacity cDNA reverse transcription kit	Thermo Fisher	4368814
242.	Filter paper (150 mm diameter)	Whatman	1001-150